

## 1. Exports to Africa

ANNEXURE 1 shows the exports of all plastic items (covered by HS Codes at Annexure 5) for the last five calendar years. It will be observed that exports to Africa have stood consistently above 10% of the total plastics exports for the last five calendar year. It will also be observed that 18 countries listed in the Annexure 1 account for over 90% of India's plastics exports to the African Region. While the exports to the African region does not exhibit a steady growth pattern in value terms, it is believed that in volume terms the exports are growing. This is especially because of the volatility experienced in plastic raw materials prices which tend to increase the export values when prices are high and vice versa.

ANNEXURE 2 shows the composition of plastic exports for the last five calendar years arranged in descending value-wise figures for the year 2009. It will be observed that plastic raw materials and plates, sheets, films etc (semi-finished items) constitute about 30% of exports each both contributing to about 60% of plastic exports to Africa. This indicates a higher degree of manufacturing activities in Africa in terms of plastic processing. Films, sheets etc are actually semi-finished goods which again are converted to finished goods for various uses like packaging, stationery etc. The yellow-shaded products comprise those whose exports are above USD 2 million in 2009 and have been more or less growing. All these are value-added products.

## 2. Country-wise data

ANNEXURE 3 shows the composition of plastic exports to each of the 18 countries that account for at least 90% of the plastics exports to Africa. The products listed in each country comprise over 90% of exports of the total exports to that country. Countries shaded in yellow indicate those whose raw materials imports are over 50%. Those countries shaded in blue indicate those whose imports of raw materials and semi-finished goods are over 50%. These two categories suggest that there is a good amount of manufacturing activity in this region and exporting value-added plastic items may not be an easy proposition. Therefore, we must tackle the unshaded countries on topmost priority; blue-shaded will get the next and yellow shaded will get the least priority. The strategy will be based on these observations.

## 3. India's share in Africa

ANNEXURE 4 shows the total imports of each of the countries vis-à-vis the Indian share. Those in red, are those for which actual figures were not available and may be based on the exports made to these countries by other countries. Nevertheless, they are indications for us to draw out a strategy.

## 4. The Strategy

The strategy is based on some of the points made out of the analysis of the trade data as above. The following is suggested:

- It is proposed to double plastics exports to Africa say in the next five years. This is proposed to be achieved by substantially enhancing our share in this region. Towards this end, it is proposed to first concentrate South Africa, Tanzania, Sudan, Djibouti,

Ethiopia, Congo and Malawi. From the data, it appears that these countries largely depend on imports of value-added plastic items.

- The list of African countries second in priority will be Nigeria, Mauritius, Ghana, Ivory Coast & Uganda.
- Masterbatch manufacturers (besides polymer manufacturers) will have to concentrate on the yellow-shaded countries of ANNEXURE 2.
- The Council has been participating and sponsoring delegations in/to South Africa, Tanzania & Ethiopia and Sudan to some extent. It is proposed to include the other three countries in the next five year period. Activities will also be stepped up in terms of identifying more trade fairs for specific segments of the plastic industry especially packaging which forms a highly potential sector.
- The Council will take action in due course to do desk top studies on a detailed basis on each country identifying potential products for each country. Action will then be initiated based on the findings of such studies.
- South Africa is the largest importer of plastics among the African countries importing mainly value-added plastic items. The major trading partners for the plastic sector is the developed world comprising of the European Union and North America. Given that South Africa also comprises the developing world, doubling our share to at least 5% in the next five years makes a lot of sense. In fact our share has jumped to 2.40% in 2009 from 1.89% in 2008. The Council will consider formulating a plan on how to achieve this over the next five years.
- In order to facilitate and make our export promotion programmes more effective, it is very essential that active support be rendered in terms of organizing Buyer-Seller Meets in these countries. The role of our mission plays a very important part in the African countries in view of scarce information being available in most of these countries. Leads with reference to prospective trade partners need to be developed through a comprehensive database.
- When countries like Sudan, Ethiopia, Congo etc are spoken of, the Indian exporter's first reaction is whether he will receive payments for his exports. It is very essential that details on such matters primarily involving commercial risks and payment remittance mechanisms in each country is made know to the Indian exporter. It will make sense, if the DoC in association with EPCs and our Missions abroad organize exhaustive seminars to disseminate such information. In short, an awareness seminar on exporting to targeted African countries must be organized as in the past to cover more topics and enthuse exporters to enter this region aggressively.

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2<sup>nd</sup> June 2010

**ANNEXURE 1: PLASTICS EXPORTS TO MAJOR AFRICAN COUNTRIES**

	2005				2006				2007				2008				2009			
	USD Million	Growth %	Rank	Share of Total %	USD Million	Growth %	Rank	Share of Total %	USD Million	Growth %	Rank	Share of Total %	USD Million	Growth %	Rank	Share of Total %	USD Million	Growth %	Rank	Share of Total %
<b>World</b>	<b>2582.96</b>	<b>18.51</b>			<b>3125.66</b>	<b>21.01</b>			<b>3268.80</b>	<b>4.58</b>			<b>3610.59</b>	<b>10.46</b>			<b>3031.25</b>	<b>-16.05</b>		
<b>Africa</b>	<b>287.93</b>	<b>32.89</b>		<b>11.15</b>	<b>326.97</b>	<b>13.56</b>		<b>10.46</b>	<b>409.96</b>	<b>25.38</b>		<b>12.54</b>	<b>487.98</b>	<b>19.03</b>		<b>13.52</b>	<b>475.29</b>	<b>-2.60</b>		<b>15.68</b>
Nigeria	45.31	46.39	2	15.74	42.74	-5.67	2	13.07	39.38	-7.84	3	9.61	60.50	53.61	1	12.40	78.96	30.51	1	16.61
Egypt	46.97	24.82	1	16.31	44.59	-5.08	1	13.64	46.85	5.08	1	11.43	59.57	27.14	2	12.21	57.02	-4.28	2	12.00
South Africa	28.60	-5.10	3	9.93	32.48	13.56	3	9.93	37.78	16.32	4	9.22	45.69	20.94	3	9.36	46.11	0.91	3	9.70
Mauritius	4.79	34.35	14	1.66	19.83	313.93	5	6.06	37.33	88.29	5	9.11	33.72	-9.68	5	6.91	37.75	11.95	4	7.94
Kenya	20.07	37.87	4	6.97	30.01	49.48	4	9.18	40.10	33.63	2	9.78	39.58	-1.28	4	8.11	35.95	-9.19	5	7.56
Tanzania	12.59	39.59	8	4.37	17.89	42.07	6	5.47	24.54	37.14	7	5.98	31.30	27.59	6	6.41	27.03	-13.66	6	5.69
Sudan	16.74	87.40	7	5.81	16.52	-1.31	7	5.05	25.20	52.53	6	6.15	25.01	-0.74	8	5.13	21.64	-13.47	7	4.55
Tunisia	19.19	174.59	5	6.67	15.25	-20.56	8	4.66	21.32	39.82	8	5.20	27.39	28.50	7	5.61	20.67	-24.52	8	4.35
Morocco	11.85	28.64	9	4.11	14.26	20.38	9	4.36	15.59	9.31	10	3.80	21.30	36.67	9	4.37	17.70	-16.92	9	3.72
Ghana	8.15	6.75	11	2.83	10.81	32.54	11	3.31	16.04	48.39	9	3.91	17.96	11.99	10	3.68	17.31	-3.61	10	3.64
Algeria	19.04	-7.51	6	6.61	13.96	-26.70	10	4.27	9.93	-28.86	12	2.42	17.44	75.63	11	3.57	15.43	-11.54	11	3.25
Mozambique	3.22	55.66	17	1.12	6.35	97.16	14	1.94	7.70	21.21	16	1.88	9.07	17.86	15	1.86	12.19	34.43	12	2.57
Djibouti	5.89	56.07	12	2.04	5.48	-6.96	16	1.68	8.26	50.87	15	2.02	14.41	74.32	12	2.95	9.94	-31.03	13	2.09
Cote d Ivoire	5.86	29.80	13	2.03	7.96	36.01	13	2.44	9.50	19.26	13	2.32	12.14	27.80	13	2.49	9.17	-24.42	14	1.93
Ethiopia	9.37	87.31	10	3.25	9.75	4.07	12	2.98	11.79	20.95	11	2.88	6.19	-47.46	16	1.27	8.13	31.35	15	1.71
Congo	3.85	35.92	15	1.34	5.57	44.59	15	1.70	6.51	16.83	17	1.59	9.33	43.26	14	1.91	6.29	-32.56	16	1.32
Malawi	1.71	80.36	22	0.59	3.12	82.59	19	0.95	3.14	0.65	22	0.77	4.41	40.39	21	0.90	5.48	24.27	17	1.15
Uganda	3.04	2.95	18	1.06	3.33	9.32	18	1.02	4.50	35.42	19	1.10	4.67	3.79	20	0.96	5.21	11.40	18	1.10
<b>TOTAL</b>	<b>266.24</b>			<b>92.47</b>	<b>299.87</b>			<b>91.71</b>	<b>365.46</b>			<b>89.14</b>	<b>439.69</b>			<b>90.10</b>	<b>431.97</b>			<b>90.89</b>

**ANNEXURE 2: COMPOSITION OF PLASTICS EXPORTS TO AFRICA**

Product Group	2005		2006		2007		2008		2009	
	USD Mln	Growth %	USD Mln	Growth %	USD Mln	Growth %	USD Mln	Growth %	USD Mln	Growth %
Plastic Raw materials	114.45	18.74	123.28	7.71	152.44	23.66	170.08	11.57	143.88	-15.40
Plastic sheets, films, plates etc	47.18	52.05	61.43	30.21	93.23	51.77	125.69	34.81	133.96	6.58
Other moulded and extruded items	17.39	30.60	20.16	15.96	27.91	38.44	30.42	9.00	38.13	25.33
Packaging items	21.48	41.86	24.02	11.81	26.55	10.54	34.76	30.92	29.67	-14.63
Pipes, tubes, hoses etc and fittings thereof	8.57	47.96	15.49	80.74	26.27	69.61	32.48	23.66	27.76	-14.54
Houseware	10.42	30.77	9.70	-6.95	15.02	54.92	19.96	32.87	19.44	-2.58
Floorcoverings	12.38	69.22	8.32	-32.79	23.75	185.41	16.45	-30.75	19.37	17.77
Writing Instruments	6.36	108.29	7.65	20.36	7.10	-7.15	8.15	14.77	10.04	23.17
All types of optical items (incl optical frames, lenses,	2.85	23.63	4.27	49.60	4.29	0.58	7.91	84.37	9.40	18.85
Ropes, twines, Cordage	1.79	72.01	1.76	-1.70	4.50	155.70	7.28	61.96	8.28	13.69
Leathercloth	4.49	20.27	6.37	41.80	10.05	57.73	7.00	-30.30	7.66	9.35
Self-adhesive sheets/films etc	24.52	34.78	27.07	10.40	4.01	-85.20	4.81	20.01	5.15	7.20
Human Hair & Products thereof	7.41	57.91	6.00	-18.93	1.01	-83.13	4.27	321.94	5.15	20.52
Stoppers, closures, lids etc	3.14	97.41	4.03	28.22	3.63	-10.11	3.61	-0.31	4.57	26.33
Woven sacks/FIBCs	0.19	-42.75	0.73	276.93	1.24	69.81	3.96	219.45	3.16	-20.12
Nets (including fishnets)	1.35	50.46	2.48	84.18	2.76	11.51	3.26	17.90	2.79	-14.29
Brushes (all kinds)	0.75	-48.17	0.73	-2.76	0.93	27.64	1.52	64.44	1.45	-4.62
Electrical items	0.59	31.01	0.23	-61.13	0.73	219.52	0.27	-62.80	1.40	415.71
Others plastic items	0.36	36.68	0.59	63.52	0.81	36.20	0.85	4.96	1.17	38.23
Stationery/Office & School supplies	0.89	3.60	1.24	39.96	1.26	1.40	2.77	119.78	1.15	-58.52
Monofilaments	0.36	18.77	0.43	18.75	0.64	48.72	1.07	66.83	0.63	-41.42
Travelware	0.33	67.68	0.16	-52.32	0.47	201.24	1.19	152.97	0.56	-52.70
Tarpaulins	0.43	312.20	0.83	95.43	1.53	84.71	0.09	-93.85	0.39	310.07
Photo Films	0.26	3.96	0.02	-91.48	0.24	1009	0.13	-44.88	0.13	-0.06
<b>TOTAL</b>	<b>287.93</b>	<b>32.89</b>	<b>326.98</b>	<b>13.56</b>	<b>410.37</b>	<b>25.50</b>	<b>487.98</b>	<b>18.91</b>	<b>475.29</b>	<b>-2.60</b>

**ANNEXURE 3: Country-wise composition of plastics exports**

Country	Product Group	2005 USD Mln	2006 USD Mln	2007 USD Mln	2008 USD Mln	2009 USD Mln
Nigeria	<b>TOTAL</b>	<b>45.31</b>	<b>42.74</b>	<b>39.38</b>	<b>60.50</b>	<b>78.96</b>
	Plastic sheets, films, plates etc	10.77	13.54	17.96	29.38	36.32
	Plastic Raw materials	11.40	9.24	9.32	11.17	19.39
	Other moulded and extruded items	2.51	2.06	2.59	3.27	10.13
	All types of optical items (incl optical	0.26	0.07	0.94	1.94	2.18
	Ropes, twines, Cordage	0.02	0.19	0.31	0.68	1.93
	Packaging items	1.15	0.98	1.27	1.95	1.62
	Others	19.19	16.66	6.99	12.10	7.39
	Percentage of above items (excl "Others")	57.65	61.01	82.24	79.99	90.64
Egypt	<b>TOTAL</b>	<b>46.97</b>	<b>44.59</b>	<b>46.85</b>	<b>59.57</b>	<b>57.02</b>
	Plastic Raw materials	34.31	30.06	32.43	34.15	33.97
	Plastic sheets, films, plates etc	5.84	6.46	6.79	10.30	10.55
	Houseware	0.61	1.01	1.76	2.75	2.61
	Writing Instruments	1.28	0.99	1.17	1.43	2.43
	Pipes, tubes, hoses etc and fittings thereof	0.21	0.22	0.17	0.93	1.54
	Other moulded and extruded items	1.25	0.75	0.71	0.75	1.29
	Others	3.47	5.09	3.83	9.26	4.63
	Percentage of above items (excl "Others")	92.61	88.58	91.82	84.45	91.87
South Africa	<b>TOTAL</b>	<b>28.60</b>	<b>32.48</b>	<b>37.78</b>	<b>45.69</b>	<b>46.11</b>
	Plastic sheets, films, plates etc	8.67	10.49	10.55	14.59	11.87
	Pipes, tubes, hoses etc and fittings thereof	0.78	0.58	4.17	8.64	10.75
	Plastic Raw materials	8.78	6.34	6.84	6.36	4.41
	All types of optical items (incl optical	0.73	1.07	0.74	0.87	3.10
	Floorcoverings	1.58	1.86	3.55	3.99	2.89
	Packaging items	1.65	1.51	2.55	3.05	2.82
	Other moulded and extruded items	2.05	2.19	2.18	2.40	2.47
	Houseware	1.38	1.33	1.05	0.53	1.60
	Self-adhesive sheets/films etc	0.54	3.51	1.90	1.48	1.54
	Leathercloth	0.40	0.81	1.14	0.96	1.34
	Others	2.04	2.78	3.11	2.81	3.31
Percentage of above items (excl "Others")	92.87	91.44	91.76	93.86	92.83	
Mauritius	<b>TOTAL</b>	<b>4.79</b>	<b>19.83</b>	<b>37.33</b>	<b>33.72</b>	<b>37.75</b>
	Plastic sheets, films, plates etc	0.37	3.73	13.72	20.93	29.69
	Plastic Raw materials	0.55	6.56	15.39	7.48	3.36
	Self-adhesive sheets/films etc	0.15	0.13	0.17	0.19	0.91
	Leathercloth	0.18	0.13	1.66	0.68	0.82
	Others	3.54	9.28	6.40	4.44	2.96
Percentage of above items (excl "Others")	26.17	53.20	82.87	86.83	92.17	
Kenya	<b>TOTAL</b>	<b>20.07</b>	<b>30.01</b>	<b>40.10</b>	<b>39.58</b>	<b>35.95</b>
	Plastic Raw materials	6.75	15.16	16.54	18.22	12.11
	Plastic sheets, films, plates etc	4.19	4.30	6.50	8.79	8.25
	Other moulded and extruded items	2.17	3.34	6.25	3.59	4.41
	Floorcoverings	0.70	0.55	2.70	1.40	1.95
	Pipes, tubes, hoses etc and fittings thereof	0.68	0.70	0.74	1.19	1.39
	Nets (including fishnets)	0.01	0.06	0.11	0.59	1.26
	Self-adhesive sheets/films etc	0.79	1.01	0.44	0.56	1.02
	Electrical items	0.00	0.00	0.05	0.02	0.97
	Leathercloth	0.26	0.32	0.56	0.34	0.94
	Houseware	1.18	0.84	1.17	1.72	0.88
	Others	3.34	3.74	5.04	3.17	2.77
Percentage of above items (excl "Others")	83.38	87.54	87.43	91.99	92.29	

## ANNEXURE 3: Country-wise composition of plastics exports (Contd...)

Country	Product Group	2005 USD Mln	2006 USD Mln	2007 USD Mln	2008 USD Mln	2009 USD Mln
Tanzania	<b>TOTAL</b>	<b>12.59</b>	<b>17.89</b>	<b>24.54</b>	<b>31.30</b>	<b>27.03</b>
	Plastic Raw materials	4.47	6.83	11.83	8.83	9.55
	Other moulded and extruded items	1.27	1.58	2.49	3.33	5.39
	Plastic sheets, films, plates etc	2.31	2.17	1.72	2.97	3.15
	Packaging items	1.21	1.15	2.24	4.44	1.97
	Houseware	0.74	1.21	1.70	2.07	1.90
	Ropes, twines, Cordage	0.22	0.03	0.74	0.78	1.07
	Pipes, tubes, hoses etc and fittings thereof	0.45	1.05	0.58	3.38	0.91
	Writing Instruments	0.64	1.58	0.39	0.78	0.80
	Others	1.28	2.29	2.84	4.71	2.29
Percentage of above items (excl "Others")	89.81	87.21	88.42	84.94	91.51	
Sudan	<b>TOTAL</b>	<b>16.74</b>	<b>16.52</b>	<b>25.20</b>	<b>25.01</b>	<b>21.64</b>
	Floorcoverings	5.95	3.79	11.38	7.56	8.95
	Pipes, tubes, hoses etc and fittings thereof	0.29	0.22	0.34	5.13	3.28
	Other moulded and extruded items	1.86	1.98	3.15	1.29	1.86
	Plastic Raw materials	1.21	2.06	2.62	2.88	1.69
	Packaging items	1.16	1.31	0.65	1.19	1.57
	Plastic sheets, films, plates etc	3.37	2.73	4.59	3.76	1.56
	Writing Instruments	0.09	0.33	0.32	0.71	0.74
	Others	2.81	4.10	2.16	2.50	1.99
Percentage of above items (excl "Others")	83.23	75.16	91.44	90.01	90.80	
Tunisia	<b>TOTAL</b>	<b>19.19</b>	<b>15.25</b>	<b>21.32</b>	<b>27.39</b>	<b>20.67</b>
	Plastic Raw materials	9.75	8.19	17.94	22.16	15.22
	Human Hair & Products thereof	7.22	5.35	0.37	3.27	3.36
	Plastic sheets, films, plates etc	0.17	0.29	0.87	0.42	0.88
	Others	2.06	1.42	2.13	1.54	1.21
Percentage of above items (excl "Others")	89.29	90.70	89.99	94.39	94.14	
Morocco	<b>TOTAL</b>	<b>11.85</b>	<b>14.26</b>	<b>15.59</b>	<b>21.30</b>	<b>17.70</b>
	Plastic Raw materials	10.22	11.71	13.50	17.67	12.82
	Ropes, twines, Cordage	0.07	0.11	0.68	1.46	2.63
	Plastic sheets, films, plates etc	0.25	0.18	0.07	0.24	0.44
	Nets (including fishnets)	0.29	0.33	0.38	0.24	0.33
	Others	0.53	1.93	0.96	1.69	1.49
Percentage of above items (excl "Others")	91.37	86.49	93.81	92.05	91.59	
Ghana	<b>TOTAL</b>	<b>8.15</b>	<b>10.81</b>	<b>16.04</b>	<b>17.96</b>	<b>17.31</b>
	Plastic sheets, films, plates etc	1.02	2.06	4.12	6.82	6.80
	Plastic Raw materials	2.93	3.41	4.98	3.87	5.06
	Packaging items	0.62	1.36	2.53	1.96	1.44
	Ropes, twines, Cordage	0.04	0.23	0.20	0.57	0.99
	Other moulded and extruded items	0.60	0.66	0.76	1.14	0.86
	Houseware	0.85	0.84	1.33	1.40	0.62
	Others	2.10	2.24	2.11	2.19	1.54
Percentage of above items (excl "Others")	74.20	79.24	86.82	87.83	91.09	
Algeria	<b>TOTAL</b>	<b>19.04</b>	<b>13.96</b>	<b>9.93</b>	<b>17.44</b>	<b>15.43</b>
	Plastic Raw materials	14.99	11.06	5.16	14.12	9.37
	Plastic sheets, films, plates etc	1.05	0.64	0.45	0.94	2.21
	Packaging items	0.69	1.05	0.71	1.12	1.41
	All types of optical items (incl optical	0.00	0.18	0.03	0.29	0.71
	Woven sacks/FIBCs	0.00	0.00	0.05	0.19	0.55
	Others	2.30	1.03	3.54	0.77	1.17
Percentage of above items (excl "Others")	87.90	92.60	64.39	95.56	92.40	

ANNEXURE 3: Country-wise composition of plastics exports (Contd...)

Country	Product Group	2005 USD Mln	2006 USD Mln	2007 USD Mln	2008 USD Mln	2009 USD Mln
Mozambique	<b>TOTAL</b>	<b>3.22</b>	<b>6.35</b>	<b>7.70</b>	<b>9.07</b>	<b>12.19</b>
	Plastic sheets, films, plates etc	0.43	1.33	2.80	3.08	3.47
	Other moulded and extruded items	0.25	0.52	0.81	0.79	2.70
	Plastic Raw materials	0.25	0.57	0.31	1.37	1.90
	Packaging items	0.96	1.34	1.42	1.76	1.49
	Pipes, tubes, hoses etc and fittings thereof	0.27	1.43	1.28	0.75	1.34
	Self-adhesive sheets/films etc	0.17	0.38	0.02	0.05	0.22
	Others	0.89	0.77	1.05	1.27	1.07
Percentage of above items (excl "Others")	72.29	87.81	86.30	86.03	91.22	
Djibouti	<b>TOTAL</b>	<b>5.89</b>	<b>5.48</b>	<b>8.26</b>	<b>14.41</b>	<b>9.94</b>
	Packaging items	1.72	2.06	1.39	2.44	3.91
	Plastic Raw materials	0.99	1.72	3.50	8.04	3.08
	Plastic sheets, films, plates etc	0.55	0.46	0.81	0.92	1.03
	Pipes, tubes, hoses etc and fittings thereof	0.50	0.26	0.68	1.85	0.95
	Others	2.13	0.98	1.89	1.15	0.96
	Percentage of above items (excl "Others")	63.82	82.15	77.15	91.98	90.38
Ivory Coast	<b>TOTAL</b>	<b>5.86</b>	<b>7.96</b>	<b>9.50</b>	<b>12.14</b>	<b>9.17</b>
	Plastic sheets, films, plates etc	1.18	1.63	7.19	9.00	5.13
	Plastic Raw materials	0.10	0.68	0.28	1.32	2.27
	Houseware	0.25	0.23	0.60	0.39	0.41
	Packaging items	0.49	0.36	0.23	0.41	0.28
	Stoppers, closures, lids etc	0.05	0.10	0.11	0.12	0.26
	Others	3.77	4.97	1.09	0.90	0.83
	Percentage of above items (excl "Others")	35.59	37.54	88.49	92.57	91.00
Ethiopia	<b>TOTAL</b>	<b>9.37</b>	<b>9.75</b>	<b>11.79</b>	<b>6.19</b>	<b>8.13</b>
	Floorcoverings	1.09	0.56	3.76	1.05	3.74
	Leathercloth	0.08	0.37	1.55	0.35	0.95
	Packaging items	1.54	1.02	0.11	0.48	0.93
	Plastic sheets, films, plates etc	0.41	1.35	1.33	0.34	0.67
	Pipes, tubes, hoses etc and fittings thereof	0.50	0.60	0.51	0.17	0.45
	Other moulded and extruded items	0.48	0.35	0.35	0.25	0.37
	Plastic Raw materials	4.09	4.76	3.37	2.24	0.37
	Others	1.18	0.73	0.82	1.32	0.65
Percentage of above items (excl "Others")	87.40	92.48	93.07	78.72	91.98	
Congo	<b>TOTAL</b>	<b>3.85</b>	<b>5.57</b>	<b>6.51</b>	<b>9.33</b>	<b>6.29</b>
	Packaging items	0.89	1.39	1.64	2.89	2.20
	Plastic sheets, films, plates etc	0.96	1.85	2.30	2.93	1.29
	Plastic Raw materials	0.38	0.18	0.62	0.41	0.84
	Other moulded and extruded items	0.16	0.32	0.73	1.83	0.51
	Stoppers, closures, lids etc	0.07	0.08	0.10	0.15	0.36
	Human Hair & Products thereof	0.00	0.00	0.01	0.17	0.28
	Houseware	0.16	0.19	0.31	0.32	0.27
	Others	1.23	1.57	0.80	0.62	0.54
Percentage of above items (excl "Others")	68.08	71.86	87.69	93.32	91.48	

ANNEXURE 3: Country-wise composition of plastics exports (Contd...)

Country	Product Group	2005 USD Mln	2006 USD Mln	2007 USD Mln	2008 USD Mln	2009 USD Mln
Malawi	<b>TOTAL</b>	<b>1.71</b>	<b>3.12</b>	<b>3.14</b>	<b>4.41</b>	<b>5.48</b>
	Other moulded and extruded items	0.07	0.25	0.23	0.38	1.99
	Plastic sheets, films, plates etc	0.63	0.80	1.07	1.29	1.00
	All types of optical items (incl optical	0.01	0.04	0.05	0.05	0.67
	Packaging items	0.05	1.05	0.28	0.51	0.57
	Plastic Raw materials	0.09	0.13	0.47	0.94	0.54
	Houseware	0.06	0.23	0.44	0.52	0.44
	Others	0.80	0.61	0.61	0.71	0.27
	Percentage of above items (excl "Others")	52.93	80.34	80.72	83.86	95.08
Uganda	<b>TOTAL</b>	<b>3.04</b>	<b>3.33</b>	<b>4.50</b>	<b>4.67</b>	<b>5.21</b>
	Plastic Raw materials	0.58	0.22	0.53	0.62	1.54
	Plastic sheets, films, plates etc	1.11	1.34	1.15	1.74	1.51
	Other moulded and extruded items	0.21	0.37	0.66	0.65	0.96
	Packaging items	0.49	0.57	0.81	0.41	0.38
	Writing Instruments	0.07	0.02	0.08	0.05	0.28
	All types of optical items (incl optical frames, lenses, sunglasses etc)	0.05	0.06	0.04	0.18	0.15
	Others	0.54	0.76	1.23	1.03	0.39
	Percentage of above items (excl "Others")	82.27	77.20	72.75	78.04	92.50

**ANNEXURE 4: Imports of plastic items by African countries/Indian Share**

Country	Imports from World in USD Million					Indian Share %				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
South Africa	1730.25	1977.02	2353.09	2370.91	1993.95	1.61	1.47	1.47	1.89	2.40
Nigeria	0.00	1601.75	2410.62	1482.73	2163.09		4.01	2.06	4.56	
Egypt	786.40	721.01	1162.88	2412.77	1987.25	4.62	2.88	2.25	2.31	2.49
Morocco	842.60	988.42	1350.10	1517.07	1323.83	1.74	1.50	1.50	1.88	1.46
Algeria	625.81	687.89	940.98	1243.94	1257.75	3.67	2.53	2.12	1.55	1.80
Tunisia			885.28	1027.93	889.51			2.51	2.16	2.02
Kenya	0.00	336.30	414.43	489.05	384.83		8.23	8.07	8.25	8.42
Ghana			319.68	317.05	0.00			3.94	4.30	
Cote d Ivoire	162.62	198.75	233.04	281.88	296.27	3.53	3.51	3.40	4.53	2.88
Ethiopia			151.83	230.64	274.61			9.89	11.30	5.99
Tanzania		186.36	227.17				7.48	7.52		
Sudan		191.23		109.66			5.24		3.87	
Mauritius	115.04	115.87	138.71	152.47	125.28	3.88	3.61	3.20	3.59	4.20
Uganda		96.44	130.30	160.23			6.55	6.08	8.61	
Congo		66.72	76.90	84.33			8.17	8.12	10.87	
Mozambique			51.74	81.46	78.00			7.72	6.36	13.66
Djibouti		55.81	63.20	76.09			9.28	12.31	18.50	
Malawi		40.38	50.56	60.95			4.13	5.06	6.07	

**ANNEXURE 5: HS Codes of items under Plastics EPC**

Product Group	HS Codes	Description
Brushes (all kinds)	960321	Tooth brushes
	960329	Shaving, hair, nail, eyelash & other toilet brushes for use on the person
	960390	Hand-operated mechan floor sweeper; prep knot/tuft f broom; squeegee
Ropes, twines, Cordage	560741	Binder or baler twine, of polyethylene or polypropylene
	560749	Twines, cordage, ropes and cables, of polyethylene or polypropylene
	560790	Twine, cordage, ropes and cables, of other materials
Electrical items	85353010	Islnng Swtchs & Make-&-Brk Swtchs Of Plstc
	85365020	Other Switches Of Plastics
	85366110	Lmp Hldrs Of Plstcs
	85366910	Plugs & Sockets Of Plstcs
	854720	Insulating Fittings Of Plastics For Elec Machines, Appliances Or Equipment
Floorcoverings	940592	Lamps and lighting fittings parts of plastics
	5904	Linoleum; floor coverings with a coating or covering on tex backing
Houseware	3918	Floor Cover (Rolls & Tiles) & Wall Cover, Plastics
	940370	Furniture, plastic, nes
	961511	Combs, hair-slides and the like of hard rubber or plastics
Human Hair & Products thereof	3924	Tableware & Other Household Articles Etc, Plastics
	67030010	Human Hair Dressed Or Otherwise Worked
Leathercloth	6704	Wigs, Eyebrows, Eyelashes Etc Of Human/ Animal Hair Or Tex Mat; Art Of Human Hair
	5903	Textile fabrics impregnated, coated, covered/laminated w plastics, nes
Other moulded and extruded items	960621	Buttons Of Plastics, Not Covered With Textile Material
	96071910	Zip fasteners
	3922	Baths, Washbasins, Lavatory Seats Etc Of Plastics
	392340	Spools, Cops, Bobbins & Similar Supports, Plastics
	3925	Builders' Ware Of Plastics, Nesoi
	392690	Articles Of Plastics, Nesoi
	392620	Apparel Articles & Clothing Access Nesoi, Plastics
	392640	Statuettes & Other Ornamental Articles, Of Plastic
392630	Fittings For Furniture, Coachwork Etc, Of Plastics	
Monofilaments	3916	Monofil, Cr-Sect Ovimm, Rods, Sticks Etc, Plastics
Nets (including fishnets)	560811	Made up fishing nets, of man-made textile materials
	560819	Knotted netting of twine/cordage/rope, and oth made up nets of m-m tex mat
All types of optical items (incl optical frames, lenses, sunglasses etc)	900110	Optical Fibres, Optical Fibre Bundles & Cables, Other Than Those Of Hd 85.44
	900120	Sheets and plates of polarising material
	900130	Contact lenses
	900150	Spectacle lenses of other materials
	900190	Prisms, mirrors & other optical elements of any material, unmounted, nes
	9002	Lenses, Prisms, Mirrors & Other Optical Elements, Of Any Material, Mounted
	900311	Frames and mountings for spectacles, goggles or the like, of plastic
	900319	Frames & mountings for spectacles, goggles or the like, of other materials
	900390	Parts for frames and mountings for spectacles, goggles or the like
	900410	Sunglasses
900490	Spectacles, goggles and the like, corrective, protective or other, nes	

**ANNEXURE 5: HS Codes of items under Plastics EPC (Contd...)**

<b>Product Group</b>	<b>HS Codes</b>	<b>Description</b>
Others plastic items	42022210	Hnd Bgs/Shppng Bgs Of Artfcl Plstc Mtrl
	420232	Articles carrid in pocket/handbag,w/outer surface sheetg of plas/tex
	420292	Containers,with outer surface of sheeting of plas or tex materials,nes
	630622	Tents, of synthetic fibres
	630631	Sails, of synthetic fibres
	650610	Safety Headgear, Nes
	650691	Headgear Nes, Of Rubber Or Plastics
	670210	Artificial Flowers, Foliage, Fruit And Parts And Articles Thereof, Of Plastics
	95030030	Dolls of plastic
Packaging items	392329	Sacks & Bags (Including Cones) Of Plastics Nesoi
	392390	Art For Conveying Or Packing Goods Nesoi, Plastic
	392321	Sacks & Bags (Incl Cones) Of Polymers Of Ethylene
	392310	Boxes, Cases, Crates & Similr Articles Of Plastic
	392330	Carboys, Bottles, Flasks & Similar Items, Plastic
Photo Films	370120	Photographic Instant Print Film In The Flat, Sensitised, Unexposed
	370130	Photographic Plates & Film In The Flat, Sens,Unexp,With Any Side Exceed 255 Mm
	370191	Photographic Plates & Film In The Flat, Sens, Unexposed, F Colour Photography
	370199	Photographic Plates And Film In The Flat, Sensitised, Unexposed, Nes
	3702	Photographic Film & Instant Print Film, In Roll, Sensitised, Unexp O/T Paper Etc
Plastic sheets, films, plates etc	3920	Plates, Sheets, Film Etc No Ad, Non-Cel Etc, Plast
	3921	Plates, Sheets, Film, Foil & Strip Nesoi, Plastics
Plastic Raw materials	3901	Polymers Of Ethylene, In Primary Forms
	3902	Polymers Of Propylene Or Other Olefins, Prim Forms
	3903	Polymers Of Styrene, In Primary Forms
	3904	Polymers Of Vinyl Chloride Etc., In Primary Forms
	3905	Polymers Of Vinyl Acetate & Oth Vinyl Polym, Pr Fm
	3906	Acrylic Polymers In Primary Forms
	3907	Polyethers, Expoxides & Polyesters, Primary Forms
	3908	Polyamides In Primary Forms
	3909	Amino-Resins, Phenolics & Polyurethanes, Prim Form
	3910	Silicones, In Primary Forms
	3911	Petro Resins, Polysulfides Etc Nesoi, Primary Form
	3912	Cellulose And Chemical Deriv Nesoi, Primary Forms
	3913	Natural (Inc Modified) Polymers Nesoi, Primary Fms
3914	Ion-Exchangers Basd On Plastics, In Primary Forms	
3915	Waste, Parings And Scrap, Of Plastics	
Self-adhesive sheets/films etc	3919	Self-Adhesive Plates, Sheets, Film Etc Of Plastics
Stationery/Office School supplies	392610	Office Or School Supplies Of Plastic
Stoppers, closures, lids etc	392350	Stoppers, Lids, Caps & Other Closures, Of Plastic
Tarpaulins	630612	Tarpaulins, awnings and sunblinds, of synthetic fibres
Travelware	42022240	Vanity Bags With Outer Surface Of Sheetingof Plastic/Textile
	420212	Trunks,suit-cases&sim container w/outer surface of plastics/textiles
Pipes, tubes, hoses etc and fittings thereof	3917	Tubes, Pipes & Hoses & Their Fittings, Of Plastics
Woven sacks/FIBCs	630532	Flexible intermediate bulk containers, man-made mater
	630533	Sacks, bags, packing, of strip plastic material
Writing Instruments	9608	All Kinds of Writing Instruments