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# IMPORT ANALYSIS

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POLYPROPYLENE RESINS

JULY 1984 TO JUNE 1985



Government  
of Canada

Regional Industrial  
Expansion

Gouvernement  
du Canada

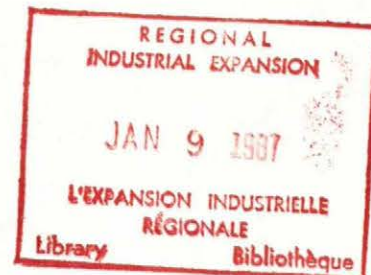
Expansion industrielle  
régionale

Canada 

Pub. No. 85025 - PM  
I.D. 2533  
May 6, 1986

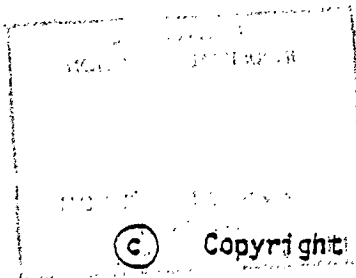
POLYPROPYLENE RESINS

JULY 1984 TO JUNE 1985



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SECTION I - INTRODUCTION

Scope of Analysis

This analysis of polypropylene resins is based on a detailed examination of Revenue Canada Customs import documents for the period July 1984 to June 1985, the latest period available.

The following Canadian International Trade Classification (C.I.T.C.) import commodity code was analyzed:

423-53-10 Polypropylene Resins

Method

The data shown in this analysis were extracted from Revenue Canada Customs documents. These documents provide a description of the products, names of importers and exporters, quantities, dollar values, unit prices, countries of origin, provinces of entry, tariff applications and rates of exchange.

Please note that dollar values shown are based on selling price F.O.B. plant, in Canadian dollars. This selling price represents the value paid by the importer, excluding all freight, packing and insurance costs when specified. All trade discounts when applicable are also deducted from the selling price.

References

- (1) Customs Tariff: Items 43877-01, 93902-04 and 93902-43
- (2) Canadian International Trade Classification  
(Cat. #65-502E, Statistics Canada)
- (3) Imports by Commodities  
(Cat. #65-007, Statistics Canada)  
Commodity Code 423-53

SECTION II - ANALYSIS AND OBSERVATIONS

Analysis of Imports

Imports of polypropylene resin during the period July 1984 to June 1985, as reported on documents examined, amounted to a total quantity of 390,562 cwt for a value of \$23,853,684 (selling price).

Polypropylene resin described as being in pellet form accounted for 67 per cent by total quantity and 68 per cent by total value. Polypropylene resin described as being in forms other than pellets such as granules/powder, liquid, lumps, slabs and regrind accounted for 3 per cent of the total quantity and 2 per cent of the total value. Description of the form in which the resin was imported were missing from thirty per cent of both the total quantity and value.

Summary of Imports

<u>Form</u>	<u>POLYPROPYLENE RESIN BY FORM</u>			
	<u>Quantity</u> (cwt)	<u>% of Total</u> <u>Quantity</u>	<u>Value</u> (\$000)	<u>% of Total</u> <u>Value</u>
Pellets	261,219	67	16,187	68
Granules/Powder	5,326	1	346	1
Liquid	2,188	1	121	1
Lumps, Slabs and Regrind	3,086	1	112	*
Not Known	<u>118,743</u>	30	<u>7,088</u>	30
Total	390,562		23,854	

\* - Less than one per cent

NOTE - All figures are rounded

Summary of Imports (Cont'd)

Polypropylene Resin By Form and Unit Price

Forty-nine per cent of the total quantity of polypropylene resin, in all forms, entered Canada with a selling price of less than .50 per pound. Selling prices of between .50 and \$1.00 per pound accounted for 38 per cent, with prices over \$1.00 to \$2.00 per pound accounting for 13 per cent. Less than one per cent of the total quantity was over \$2.00 per pound. For a further detailed price breakdown refer to Table I.

<u>Form</u>	<u>Price Range</u> (\$ per lb.)	<u>Quantity</u> (CWT.)	<u>Value</u> (\$000)	<u>% of Sub-Total</u> (Quantity)
Pellets	Under .50	122,004	4,534	47
	.50 to .99	100,173	6,994	38
	1.00 to 1.46	37,656	4,335	14
	1.55 to 3.70	1,319	292	1
	4.09 to 34.40	<u>67</u>	<u>32</u>	<u>*</u>
Total		261,219	16,187	100
Granules/ Powder	Up to .71	4,469	211	84
	Over .71	<u>856</u>	<u>135</u>	<u>16</u>
Total		5,325	346	100
Liquid	.42 to 1.29	2,188	121	100
Lumps, Slabs and Re grind	.16 to .67	3,086	112	100
Not Known	Under .50	60,496	2,413	51
	.50 to .99	44,440	3,007	37
	1.00 to 1.38	13,492	1,545	11
	1.52 to 4.98	247	74	*
	5.75 to 11.78	<u>68</u>	<u>49</u>	<u>*</u>
Total		118,743	7,088	99
GRAND TOTAL		390,561	23,854	

\* Less than one per cent  
All figures are rounded

Summary of Imports (cont'd)

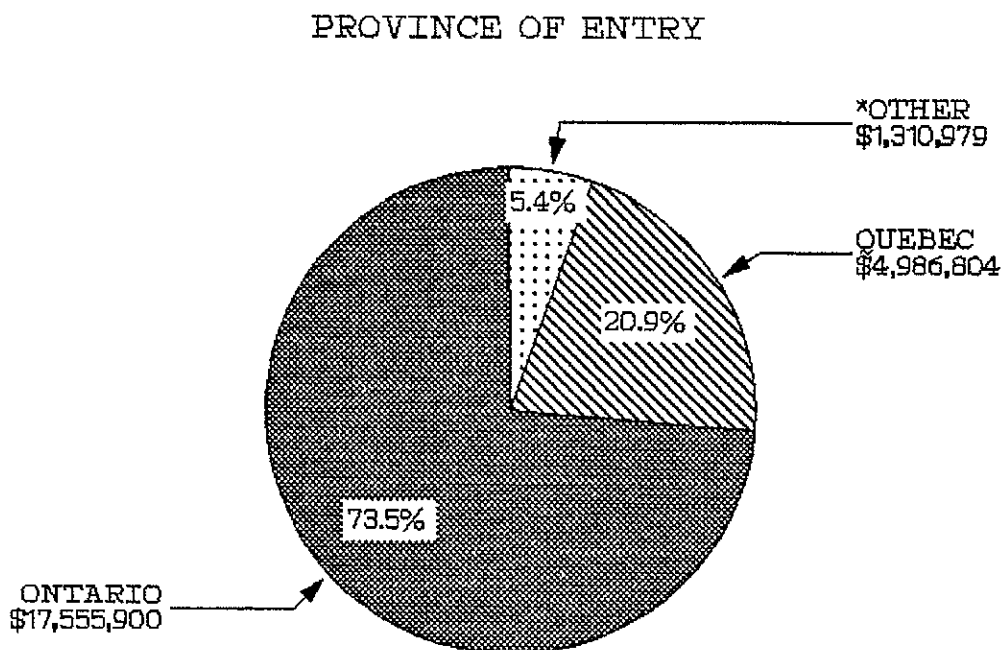
Observations

In total, there were ninety-nine importers of polypropylene resin for the period analyzed. The top 25 importers accounted for 89 per cent of the total quantity and 86 per cent of the total value. For further import market concentration information refer to Table 2.

The United States was the major country of origin accounting for 98 per cent of the total value of imports.

Seventy-two per cent of all shipments included in this analysis are apparently, in Statistics Canada terminology, "Arms-length transactions," i.e., shipments between non-affiliated companies.

Ontario was the province through which most polypropylene resin entered Canada, accounting for 74 per cent of the total value. Québec accounted for 21 per cent of the total value. (Graph refers)



PERCENTAGE OF VALUE 100% = \$23,853,684

\*OTHER: Includes Nova Scotia, New Brunswick, Manitoba, Alberta & British Columbia

NOTE: All percentage figures are rounded



SECTION III - RESULTS

Canadian Importers

Importers of polypropylene resins during the period July 1984 to June 1985, as analyzed in this report, are listed below in alphabetical order.

<u>Name</u>	<u>Address</u>
3M Canada Inc.	London, Ontario
A. Schulman Canada Ltd.	St. Thomas, Ontario
ABC Plastic Molding	Rexdale, Ontario
Accurate Mould Co. Ltd.	Rexdale, Ontario
Aclo Compounders Inc.	Cambridge, Ontario
Albis Canada Inc.	Pickering, Ontario
American Can Canada Inc.	Brampton, Ontario
Amoco Fabrics Ltd.	St-Jean, Québec
	Hawkesbury, Ontario
Anchor Cap & Closure Ltd.	Toronto, Ontario
Berkley & Co. (Canada) Ltd.	Portage La Prairie, Manitoba
Bow Plastics Ltd.	Granby, Québec
Brockway Imco Canada Inc.	Mississauga, Ontario
Caledonia Plastics Inc.	Concord, Ontario
Calko Canada Inc.	Montréal, Québec
Camo Plast Inc.	Richmond, Québec
Canada Colors & Chemicals Co.	Don Mills, Ontario
Canada Plastic Containers Ltd.	Toronto, Ontario
Canadian Adhesives Ltd.	Montréal, Québec
Capilano Plastics Co. Ltd.	New Westminster, British Columbia
Celanese Canada Ltd.	St. Jean, Québec
Colortech Inc.	Brampton, Ontario
Consumers Glass Ltd.	Waterloo, Québec
Copak Québec Ltd.	St. Anselme, Québec
Cyanamid Canada Inc.	St. Jean, Québec
Dachem Ltd.	Brampton, Ontario
De Jong Prochem Inc.	Toronto, Ontario
Dixon Tool Co. Ltd.	Windsor, Ontario
Donlee Plastics	Weston, Ontario
Dynacast International Inc.	Lachine, Québec
Eastman Chemical International Ltd.	Willowdale, Ontario
Electrolux Canada Ltd.	Pointe-Claire, Québec
Ellehammer Industries Ltd.	Sidney, British Columbia
Elliott Polymers Ltd.	Brampton, Ontario
Eschem Canada Inc., Div. of Swift Adhesives	Bramalea, Ontario
F & H Plastics Ltd.	Scarborough, Ontario
Filpac Inc.	Terrebonne, Québec
General Motors of Canada Ltd. (GMC)	Oshawa, Ontario
	Windsor, Ontario
H. Heller & Co. Ltd.	Willowdale, Ontario
H. Muehlstein & Co. Canada Ltd.	Toronto, Ontario

Canadian Importers (cont'd)

H.B. Fuller Canada Inc.	Mississauga, Ontario
Helo Plastics Ltd.	Scarborough, Ontario
Hercules Canada Ltd.	Varenes, Québec
Himont Canada Inc.	Mississauga, Ontario
Horizon Plastics Ltd.	Cobourg, Ontario
Husky Injection Molding Systems Ltd.	Bolton, Ontario
Inmont Canada Ltd.	Windsor, Ontario
	Brantford, Ontario
Interesins Ltd.	Mississauga, Ontario
International Tools (1973) Ltd.	Windsor, Ontario
JFJ Mold Processors Ltd.	Old Castle, Ontario
Jay Plastics Co. Ltd.	Montréal, Québec
Kord Products Ltd.	Bramalea, Ontario
Lakeside Plastics Ltd.	Old Castle, Ontario
M.M. Plastics Mfg. Co.	Toronto, Ontario
MacKenzie & Feimann Ltd.	Vancouver, British Columbia
Mobil Chemical Canada Ltd.	Belleville, Ontario
Modern Mold Ltd.	Windsor, Ontario
Modern Plastics	St. Hyacinthe, Québec
Moldex Ltd.	Barrie, Ontario
Monarch Plastics Ltd.	Bramalea, Ontario
Noma Inc.	Scarborough, Ontario
Norseman Plastics Ltd.	Rexdale, Ontario
North American Plastics Co. Ltd.	Wallaceburg, Ontario
Olsonite Co. Ltd.	Tillbury, Ontario
Parker Brothers Ltd.	Concord, Ontario
Peerless-Cascade Plastics Ltd.	Windsor, Ontario
Phillips Cable Ltd.	Vancouver, British Columbia
Phillips Tools & Mold (London) Ltd.	London, Ontario
Plas-Technical Mfg.	Mississauga, Ontario
Plastic Components Ltd.	Mississauga, Ontario
Plastic Molders Ltd.	Etobicoke, Ontario
Plastifab Industries Inc.	Montréal, Québec
Plastomer Inc.	Barrie, Ontario
Poli-Twine Corp. Ltd.	Belleville, Ontario
Polymer International (NS) Ltd.	Truro, Nova Scotia
Polymeric Resins Inc.	Milton, Ontario
Pratt & Lambert Inc.	Fort Erie, Ontario
Precision Spring of Canada Ltd.	Amherstburg, Ontario
Precision Valve Canada Ltd.	Ajax, Ontario
Primex Manufacturing Ltd.	Surry, British Columbia
Provincial Tankers Ltd.	Maple, Ontario
Rockwell International of Canada Ltd.	Gananoque, Ontario
Rubbermaid Canada Ltd.	Mississauga, Ontario
SPP Inc.	Scarborough, Ontario
Salga Associates Ltd.	Rexdale, Ontario
Sheller Globe of Canada Ltd.	Windsor, Ontario
Shepherd Mfg. Co. Ltd.	Markham, Ontario
Somerville Plastics	Bramalea, Ontario
Sumitomo Canada Ltd.	Toronto, Ontario
Swift Chemical Co. Ltd.	Bramalea, Ontario

Canadian Importers (cont'd)

TRW Canada Ltd.	Midland, Ontario
Tarxien Co. Ltd.	Ajax, Ontario
Toronto Plastics, Div. of Smith & Nephew Inc.	Scarborough, Ontario
Trio Tool & Mold Ltd.	Windsor, Ontario
True-Tech Medical Inc.	Concord, Ontario
Tupperware, Div. of Dart Industries	Morden, Manitoba
	Cowansville, Québec
Twinpak Ltd.	Dorval, Québec
Waltec Plastics	Midland, Ontario
Weber Tool & Mould, Div. of Weber Mfg. Ltd.	Midland, Ontario
Wilson Fiberfil Inc.	Stoney Creek, Ontario

Foreign Exporters to Canada (In descending order of value)

Exporters to Canada of polypropylene resins as listed below accounted for 94 per cent of the total value. The remaining 6 per cent is comprised of exporters each having less than one per cent of the total analyzed value.

<u>Name</u>	<u>Address</u>	
Northern Petrochemical Co.	Omaha, NE	United States
Republic Plastics Co.	Lansing, MI	United States
	Kingstree, SC	United States
Cosden Oil & Chemical Co.	Deer Park, TX	United States
	Houston, TX	United States
Research Polymers International	Grand Prairie, TX	United States
Amoco Chemicals Corp.	Chicago, IL	United States
	Chocolate, TX	United States
Himont USA Inc.	Wilmington, DE	United States
	Lake Charles, LA	United States
	Pasadena, TX	United States
Eastman Chemical International Corp.	Kingsport, TN	United States
	Longview, TX	United States
Georgia Pacific Corp.	Farmingdale, NY	United States
H. Muehlstein Co. Inc.	Chicago, IL	United States
	Greenwich, CT	United States
	Houston, TX	United States
Norchem Inc.	Omaha, NE	United States
El Paso Products Co.	Odessa, TX	United States
Soltex Polymer Corp.	Deer Park, TX	United States

Foreign Exporters to Canada (Cont'd)

<u>Name</u>	<u>Address</u>	
A. Schulman Inc.	Akron, OH	United States
	Spring, TX	United States
Detroit Plastic Molding Co.	Sterling Heights, MI	United States
Statoil	Stathelle	Norway
Shell Chemical Corp.	Wapakoneta, OH	United States
Albis Corp.	Houston, TX	United States
Tupperware Mfg. Co.	Jerome, ID	United States
	N. Smithfield, RI	United States
	Hemingway, SC	United States
Monmouth Plastics Inc.	Asbury Park, NJ	United States
Moldcraft, Div. of Anchor Hocking	Baltimore, MD	United States
KW Plastics	Troy, AL	United States
Amoco Fabrics Co.	Bainbridge, GA	United States
RTP Co.	Winona, MN	United States
Phillips Chemical Co.	Pasadena, TX	United States
Rubbermaid Inc.	Wooster, OH	United States
	Winchester, VA	United States

TABLE 1

IMPORTS OF POLYPROPYLENE RESINS - BY FORM AND PRICE RANGE

JULY 1984 TO JUNE 1985

<u>Form</u>	<u>Price Range</u> (\$ per lb.)	<u>Quantity</u> (lb.)	<u>Value</u> (\$)
Pellets:	.21 to .29	310,239	83,888
	.30	1,075,250	323,429
	.31 to .32	1,179,780	370,269
	.33 to .34	1,473,735	500,567
	.35	1,219,665	425,607
	.36	1,442,952	518,805
	.37	664,400	244,546
	.38	739,150	279,995
	.39 to .40	1,185,945	469,947
	.42 to .43	735,540	315,778
	.44	737,559	324,314
	.45	257,773	116,323
	.46	384,620	176,673
	.47 to .48	233,120	109,599
	.49	560,700	274,324
	.50 to .51	193,800	96,559
	.52 to .53	450,120	237,572
	.55 to .56	238,911	132,470
	.57 to .59	152,000	88,018
	.60 to .61	637,800	386,289
	.62 to .63	1,383,000	865,384
	.64 to .65	1,227,514	788,518
	.66	257,432	169,259
	.67	1,090,050	732,162
	.68	690,900	468,739
	.69	376,900	261,013
	.70 to .71	90,725	63,830
	.72	238,693	171,806
	.73	92,900	67,876
	.75 to .76	125,050	94,492
	.77 to .79	805,260	625,013
	.80 to .83	313,923	253,770
	.84	202,423	170,256
	.85 to .86	242,205	207,366
	.87 to .88	182,322	160,094
	.89 to .90	467,100	417,766
	.91 to .93	74,021	68,353
	.95 to .96	339,610	326,225
	.97 to .99	144,600	141,284

TABLE 1 (Cont'd)

IMPORTS OF POLYPROPYLENE RESINS - BY FORM AND PRICE RANGE

JULY 1984 TO JUNE 1985

<u>Form</u>	<u>Price Range</u> (\$ per lb.)	<u>Quantity</u> (lb.)	<u>Value</u> (\$)
Pellets: (cont'd)	1.00 to 1.01	96,745	97,360
	1.02 to 1.03	113,487	116,516
	1.04 to 1.06	55,650	58,621
	1.07 to 1.08	44,541	48,263
	1.09	102,890	112,007
	1.10 to 1.11	206,706	227,848
	1.12	425,486	476,187
	1.13	465,687	526,520
	1.14	379,355	432,246
	1.15	126,000	144,949
	1.16	540,744	627,866
	1.17	281,880	329,755
	1.18	134,976	159,323
	1.19	225,704	268,309
	1.20 to 1.21	217,133	262,222
	1.22	46,293	56,450
	1.23	109,000	134,062
	1.24	26,582	32,983
	1.25	25,000	31,264
	1.26 to 1.27	27,368	34,406
	1.29 to 1.30	33,000	42,592
	1.32 to 1.36	26,550	35,744
	1.37 to 1.44	6,011	8,325
	1.46	48,840	71,215
	1.55 to 1.62	33,073	51,892
	1.98 to 2.20	54,750	114,440
2.24 to 2.98	31,620	83,581	
3.11 to 3.70	12,437	41,854	
4.09 to 34.40	6,696	32,039	
TOTAL		26,121,891	16,187,017
Granules/Powder:	.35 to .47	279,223	104,834
	.56 to .71	167,714	106,043
	1.04 to 1.10	11,352	11,938
	1.19 to 1.31	53,931	68,592
	2.05 to 3.25	20,342	54,812
TOTAL		532,562	346,219

TABLE 1 (Cont'd)

IMPORTS OF POLYPROPYLENE RESINS - BY FORM AND PRICE RANGE

JULY 1984 TO JUNE 1985

<u>Form</u>	<u>Price Range</u> (\$ per lb.)	<u>Quantity</u> (lb.)	<u>Value</u> (\$)
Liquid:	.42 to 1.29	218,785	120,544
Lumps, Slabs and Regrind	.16 to .67	308,568	112,180
Not Known:	.20 to .31	141,647	36,943
	.32 to .33	958,028	310,243
	.35 to .38	848,734	310,562
	.39	1,083,905	422,253
	.40	520,165	207,930
	.41	95,155	39,174
	.42 to .43	626,538	271,066
	.44	522,592	228,509
	.45 to .47	905,758	417,328
	.48 to .49	347,116	169,212
	.50	248,098	124,194
	.51 to .52	253,084	129,944
	.53 to .54	437,542	234,172
	.55	133,693	73,542
	.56 to .59	204,488	118,879
	.60	92,295	55,516
	.61 to .62	135,121	83,370
	.63 to .65	154,906	98,358
	.66	47,300	31,178
	.67	453,150	304,708
	.68	277,275	188,123
	.69	308,868	213,032
	.70 to .71	158,594	111,748
	.72	94,684	68,400
	.73 to .74	203,800	150,571
	.75 to .76	513,747	388,558
	.77 to .80	286,861	222,299
	.81 to .82	46,241	37,809
	.84 to .90	33,287	28,994
	.91	25,704	23,426
	.92 to .94	121,447	113,808
	.95 to .96	120,869	115,339
	.97 to .99	92,918	90,800

TABLE 1 (Cont'd)

IMPORTS OF POLYPROPYLENE RESINS - BY FORM AND PRICE RANGE

JULY 1984 TO JUNE 1985

<u>Form</u>	<u>Price Range</u> (\$ per lb.)	<u>Quantity</u> (lb.)	<u>Value</u> (\$)
Not Known: (cont'd)	1.00	19,171	19,144
	1.01 to 1.03	131,974	134,605
	1.04 to 1.08	80,000	85,064
	1.09	97,752	106,525
	1.10 to 1.11	54,394	60,209
	1.12	112,600	126,202
	1.13	85,810	96,845
	1.14 to 1.15	75,900	87,373
	1.16	170,500	197,867
	1.17	135,000	158,270
	1.18 to 1.21	276,040	331,401
	1.22 to 1.23	35,646	43,908
	1.24 to 1.28	21,425	27,198
	1.30 to 1.38	52,938	70,703
	1.52 to 1.90	3,067	5,225
	2.13 to 2.72	10,200	23,129
	3.20 to 4.98	11,476	45,471
	5.75 to 11.78	<u>6,807</u>	<u>48,597</u>
TOTAL		<u>11,874,310</u>	<u>7,087,724</u>
GRAND TOTAL		39,056,116	23,853,684

TABLE 2

IMPORT MARKET CONCENTRATION

<u>Importers</u>	<u>Cumulative</u> <u>Quantity</u> (cwt)	<u>% of Total</u> <u>Quantity</u>	<u>Cumulative</u> <u>Value</u> (\$000)	<u>% of Total</u> <u>Value</u>
Top 5	144,390	37	8,953	38
Top 10	208,408	53	13,666	57
Top 15	268,344	69	16,991	71
Top 20	308,965	79	19,030	80
Top 25	346,342	89	20,575	86

NOTE: All price range figures are rounded  
All percentage figures are rounded



Canadian and Foreign Tariffs

Canada

Polypropylene resin included in this analysis were dutiable under the following most commonly applied tariff items.

<u>Tariff Item</u>	<u>Description</u>	<u>British Preferential Tariff</u>	<u>U.K. &amp; Ireland</u>	<u>Most Favoured Nation Tariff</u>	<u>General Tariff</u>	<u>General Preferential Tariff</u>
43877-1	Materials, of a class or kind not made in Canada, for use in the manufacture of passenger automobiles, buses, motor trucks, ambulances or hearses, or chassis therefor, and parts and accessories and parts thereof, except tires and tubes, for all the foregoing.....	1984 Free	Free	35%	Free	Free
	.....	1985 Free	Free	35%	Free	Free
	.....	1986 Free	Free	35%	Free	Free

93902 - Polymerisation and copolymerisation products (for example, polyethylene, polytetrahaloethylenes, polyisobutylene, polyvinyl chloride, polyvinyl acetate, polyvinyl chloroacetate and other polyvinyl derivatives, polyacrylic and polymethacrylic derivatives, coumarone-indene resins):

(a) Without admixture other than agent necessary to prevent caking, including scrap and waste; aqueous emulsions, aqueous dispersions or aqueous solutions, without other admixture:

93902-4	Polypropylene type.....	1984 9.7%	9.7%	9.7%	20%	6%
	.....	1985 9.6%	9.6%	9.6%	20%	6%
	.....	1986 9.6%	9.6%	9.6%	20%	6%

(c) Moulding compositions, n.o.p., including scrap or waste, whether or not completely formulated; such compositions in the form or not fully cured performs for compression moulding:

Canadian and Foreign Tariffs (cont'd)

<u>Tariff Item</u>	<u>Description</u>	<u>British Prefer- ential Tariff</u>	<u>U.K. &amp; Ireland</u>	<u>Most Favoured Nation Tariff</u>	<u>General Tariff</u>	<u>General Prefer- ential Tariff</u>
93902-43	Polypropylene type.....	11.6%	11.6%	11.6%	25%	7.5%
	.....	11.5%	11.5%	11.5%	25%	7.5%
	.....	11.2%	11.2%	11.3%	25%	7%

Tariff items and rates of duty are subject to change and need to be verified by direct reference to:

Tariff Programs  
Revenue Canada  
Customs and Excise  
Ottawa, Ontario  
K1A 0L5  
Tel: (613) 996-1038

Foreign Countries

Inquiries concerning tariffs and other government trade regulations in foreign countries should be directed to:

Info Export  
Export Programs and Services Bureau  
External Affairs Canada  
Ottawa, Ontario  
K1A 0G2  
Tel: (613) 993-6435

