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Analyse des importations

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ANALYSIS OF
POLYPROPYLENE FILM AND SHEET

JULY 1981 TO JUNE 1982

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Canada

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- REFERENCES:
- (1) Customs Tariff: Items 44555-1
& 93902-84
 - (2) Canadian International Trade
Classification (Cat. #65-502E,
Statistics Canada)
 - (3) Imports by Commodities
(Cat. #65-007, Statistics Canada)
Commodity Code 424-53

SECTION I

SCOPE OF ANALYSIS

This report is based on a detailed examination of documents covering imports of polypropylene film and sheet during the period July 1981 to June 1982. These products are included in Statistics Canada Import Commodity Code 424-53 "Polypropylene film and sheet".

The documents examined were selected by a sampling technique as follows. The shipments were divided into three groups (strata) on the basis of their ledger values (the value, for customs purposes, of the shipment). Stratum 1 consisted of shipments with values of \$10,000 and over; Stratum 2 of those with values \$5,000 to \$9,999; Stratum 3 of shipments valued at less than \$5,000.

All shipments in Stratum 1 were examined. One in three of Stratum 2 were examined and one in six shipments were examined in Stratum 3. Results in this report are based on the examined documents, those of strata 2 and 3 being multiplied by 3 and 6 respectively.

The total dollar value analyzed in this report represents 86.5 per cent of Statistics Canada's reported value.

SECTION II

RECONCILIATION

The value reported in this analysis does not correspond to official Statistics Canada figures for various reasons.

Reconciliation of the two total figures is explained as follows:

<u>Values accounted for</u>	<u>Value</u> <u>(\$,000)</u>
Documents which referred to products which should have been classified elsewhere (Value for duty purpose)	2,056
Documents not available for analysis (Value for duty purpose)	221
Difference in definition of values (Import Analysis Directorate uses selling price F.O.B.; Statistics Canada values are for Customs duty purposes)	698
Total values analyzed in this report	<u>18,547</u>
Total values accounted for as above	21,522
Total values published by Statistics Canada	21,444
Difference of Total Values	78
Standard deviation of the total, due to sampling was	129

NOTE: Statistics Canada's figures are subject to revision; changes will be reflected in the normal way: i.e., "pink sheets", which are located in the front section of Catalogue #65-007

SECTION III

ANALYSIS OF IMPORTS

Based on the sampling technique described in Section I imports of polypropylene film and sheet during the 12 month period analyzed amounted to 11,950,359 lbs. valued at \$18,546,692.

Sixty-six per cent of the quantity (lbs) and 70 per cent of the value included in this analysis are, in Statistics Canada terminology, between affiliated companies.

Full details of the analysis are shown in the following two tables of information. Table 1 shows imports by type and thickness. Table 2 shows imports by country of origin and type.

TABLE 1 - TYPE - THICKNESS
IMPORTS OF POLYPROPYLENE FILM AND SHEET
JULY 1981 TO JUNE 1982

<u>Type</u>	<u>Thickness</u> (MIL)	<u>Quantity</u> (lb.)	<u>Value</u> (\$)	Import Market Concentration Market Shares	
				<u>Top 3</u> <u>Importers</u> (- % of Quantity -)	<u>Top 5</u> <u>Importers</u> (- % of Quantity -)
Biaxially Oriented Film (standard)	.45)	368,260	580,405		
	.47)				
	.48)				
	.5	590,886	1,394,279		
	.6)	139,648	299,480		
	.65)				
	.7	1,595,205	3,020,443		
	.73)	578,985	1,044,580		
	.75)				
	.78)	717,588	1,229,500		
	.80)				
	.81)				
	.85)	664,222	1,168,429		
	.87)				
	.9)				
.93)					
1	330,865	609,595			
1.1)	1,129,970	1,421,933			
1.12)					
1.18)					
1.2)					

TABLE 1 - TYPE - THICKNESS (Continued)

<u>Type</u>	<u>Thickness</u> (MIL)	<u>Quantity</u> (lb.)	<u>Value</u> (\$)	Import Market Concentration Market Shares	
				<u>Top 3</u> <u>Importers</u> (- % of Quantity -)	<u>Top 5</u> <u>Importers</u> (- % of Quantity -)
Biaxially Oriented Film (standard) (Continued)	1.25)	326,390	397,504	—	—
	1.3)				
	1.32)				
	1.35)	184,616	370,535		
	1.4)				
	1.5)	683,815	835,442		
	1.6)				
	2)	477,113	506,659		
	2.36)				
	2.4)				
	N.S.	<u>542,349</u>	<u>803,168</u>		
TOTAL - BIAXIALLY ORIENTED FILM (STANDARD)		8,329,912	13,681,952	61	75
Biaxially Oriented Electrical Dielectric Film	.31)	27,447	80,499	—	—
	.35)				
	.44)				
	.47)				
	.50)				
	.6)	238,960	590,018		
	.65)				
	.7)				
	.75)				
	.8)				
	N.S.	<u>29,832</u>	<u>68,085</u>		
TOTAL - BIAXIALLY ORIENTED ELECTRICAL DIELECTRIC FILM		296,239	738,602	100	-

TABLE 1 - TYPE - THICKNESS (Continued)

Type	Thickness (MIL)	Quantity (Tb.)	Value (\$)	Import Market Concentration Market Shares	
				Top 3 Importers (- % of Quantity)	Top 5 Importers (-)
Non-Oriented Film (Plain) and Monoaxially Oriented Film	1)	197,181	239,931	71	83
	1.25)				
	1.50)				
	2)	214,769	263,885		
	2.16)				
3.5)	460,631	708,809			
N.S.					
TOTAL - NON-ORIENTED FILM (PLAIN) AND MONOAXIALLY ORIENTED FILM		872,581	1,212,625		
Non-Oriented Co-Extruded Film	1.75	1,075,671	1,242,596	100	-
	N.S.	593,282	685,773		
TOTAL - NON-ORIENTED CO-EXTRUDED FILM		1,668,953	1,928,369		
Polypropylene Sheet	Apparently over 10	412,675	507,910	36	42
Not Further Identified	.6)	167,419	218,275	71	84
	.8)				
	N.S.	202,580	258,959		
TOTAL - NOT FURTHER IDENTIFIED		369,999	477,234		
GRAND TOTAL		11,950,359	18,546,692		

NOTES: Dollar values shown are based on selling price F.O.B. plant, in Canadian dollars (applicable also in Table 2).

N.S. - Thickness not shown on documents.

TABLE 2 - COUNTRY OF ORIGIN - TYPE
IMPORTS OF POLYPROPYLENE FILM AND SHEET
JULY 1981 TO JUNE 1982

<u>Country of Origin</u>	<u>Type</u>	<u>Quantity</u> (Tb.)	<u>Value</u> (\$)
United States	Biaxially Oriented Film (Standard)	6,047,981	10,643,862
	Biaxially Oriented Electrical Dielectric Film	264,553	665,519
	Non-Oriented Film (Plain) & Monoaxially Oriented Film	814,402	1,152,640
	Non-Oriented Co-Extruded Film	1,668,953	1,928,369
	Polypropylene Sheet	361,264	437,243
	Not Further Identified	<u>369,999</u>	<u>477,234</u>
TOTAL - UNITED STATES		9,527,152	15,304,867
Japan	Biaxially Oriented Film (Standard)	993,495	1,109,081
	Biaxially Oriented Electrical Dielectric Film	31,686	73,083
	Non-Oriented (Plain)	<u>21,672</u>	<u>19,595</u>
TOTAL - JAPAN		1,046,853	1,201,759
United Kingdom	Biaxially Oriented Film (Standard)	775,378	1,408,728
	Polypropylene Sheet	<u>13,650</u>	<u>28,268</u>
TOTAL - UNITED KINGDOM		789,028	1,436,996

TABLE 2 - COUNTRY OF ORIGIN - TYPE (Continued)

<u>Country of Origin</u>	<u>Type</u>	<u>Quantity</u> (1b.)	<u>Value</u> (\$)
Italy	Biaxially Oriented Film (Standard)	445,711	447,881
West Germany	Non-Oriented Film (Plain)	36,507	40,390
	Polypropylene Sheet	<u>37,761</u>	<u>42,399</u>
TOTAL - WEST GERMANY		74,268	82,789
Other Countries (Switzerland & Netherlands)	Biaxially Oriented Film (Standard)	67,347	72,400
GRAND TOTAL		<u>11,950,359</u>	<u>18,546,692</u>

SECTION IV

FOREIGN EXPORTERS TO CANADA

Major exporters to Canada of products shown in Section III are listed below in two tables of information. Table 1 indicates exporters in descending order of dollar value. Table 2 indicates exporters in descending order of Quantity (lb.). The exporters in Table 1 accounted for 92 per cent of the total value shown in Section III. The exporters in Table 2 accounted for 93 per cent of the total quantity shown in Section III.

TABLE 1

<u>NAME</u>	<u>ADDRESS</u>		<u>Value</u> <u>(\$,000)</u>
Mobil Chemical Co.	Macedon, NY	USA)
Hercules Trading Corp.	Wilmington, DE	USA	) 8,700
Crown Zellerbach Corp.	New Castle, DE	USA)
Minnesota Mining & Mfg. Co.	St. Paul, MN	USA)
Dupont de Nemours & Co. Inc.	Wilmington, DE	USA	) 3,534
Imperial Chemical Industries Ltd.		UK)
General Electric Co.	Hudson Falls, NY	USA)
Trea International Ltd.	North Kingstown, RI	USA	) 1,706
W.R. Grace and Co.	Simpsonville, SC	USA)
Mitsubishi Petrochemical Co. Ltd.	Tokyo	Japan)
Shinko Sangyo Trading Co. Ltd.	Osaka	Japan	) 1,234
BCL Film Div.	Somerset	UK)
Exxon Chemical Americas	Pottsville, PA	USA)
Universal Packaging	Mount Carmel, PA	USA	) 928
Canadian Technical Tape (UK) Ltd.		UK)
Scharr Industries	Bloomfield, CT	USA)
Dynamit Nobel of America Inc.	Northvale, NJ	USA	) 552
Marubeni Corp.	Tokyo	Japan)
Moplefan SPA	Milano	Italy)
Clopay Corp.	Cincinnati, OH	USA	) 457
Curwood Inc.	New London, WI	USA)
			<u>17,111</u>

TABLE 2

<u>NAME</u>	<u>ADDRESS</u>			<u>Quantity</u> (000lb.)
Mobil Chemical Co.	Macedon, NY	USA)	
Hercules Trading Corp.	Wilmington, DE	USA	)	5,612
Crown Zellerbach Corp.	New Castle, DE	USA)	
Minnesota Mining & Mfg. Co.	St. Paul, MN	USA)	
Imperial Chemical Industries Ltd.		UK	)	1,885
Mitsubishi Petrochemical Co. Ltd.	Tokyo	Japan)	
Dupont de Nemours & Co. Inc.	Wilmington, DE	USA)	
Shinko Sangyo Trading Co. Ltd.	Osaka	Japan	)	1,158
Trea International Ltd.	North Kingstown, RI	USA)	
Canadian Technical Tape (UK) Ltd.		UK)	
Universal Packaging	Mount Carmel, PA	USA	)	921
Exxon Chemical Americas	Pottsville, PA	USA)	
W.R. Grace and Co.	Simpsonville, SC	USA)	
General Electric Co.	Hudson Falls, NY	USA	)	781
BCL Film Div.	Somerset	UK)	
Dynamit Nobel of America Inc.	Northvale, NJ	USA)	
Marubeni Corp.	Tokyo	Japan	)	395
Clopay Corp.	Cincinnati, OH	USA)	
Moplefan SPA	Milano	Italy)	
Maineline Sales Co.	Redmond, OR	USA)	
Kraft Foods Ltd.	Orange, TX	USA	)	324
Curwood Inc.	New London, WI	USA)	
				<u>11,076</u>

SECTION V

ACCURACY OF RESULTS

Since some of the shipments were selected using random sampling, figures in the tables do not correspond exactly to the results which would have been obtained if all shipments had been examined. The probable range of error depends on such factors as the number of shipments examined, their similarity or otherwise, etc.

The following summary shows the probable range of error for various values shown in the tables in Section III.

<u>Value in Table (\$)</u>	<u>Typical Relative Standard Deviation (%)</u>
18.5 million (Grand Total)	0.7%
13.7 million (Total, Biaxially Oriented, standard)	1.0%
3.0 million	2.2%
1 to 2 million	3 to 6%
0.5 to 1 million	5 to 10%
0.1 to 0.5 million	10 to 20%
Under 0.1 million	Over 20%

In most cases, the true result will be within plus or minus one relative standard deviation of the values shown in the tables. In rare cases (less than one in twenty) the true value will be more than two relative standard deviations from the table value.

SECTION VI

CANADIAN AND FOREIGN TARIFFS

CANADA

Polypropylene film and sheet 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>Most Favoured Nation Tariff</u>	<u>General Tariff</u>	<u>General Preferential Tariff</u>	<u>U.K. & Ireland</u>
44555-1	Cellulose acetate, cellulose acetate butyrate, polyester, polypropylene, polystyrene, polycarbonate and polytetrafluoroethylene films, less than 0.001 inch in thickness, whether metallized or not, for use in the manufacture of capacitors.	Free	Free	20%	Free	Free
	93902 - Polymerisation and copolymerisation products (for example, polyethylene, polytetrahaloethylenes, polyisobutylene, polystyrene, polyvinyl chloride, polyvinyl acetate, polyvinyl chloroacetate and other polyvinyl derivatives, polyacrylic and polymethacrylic derivatives, coumarone-indene resins):					
93902-84	Polypropylene type.	1981 1982	17.5% 16%	17.5% 16%	25% 25%	11.5% 10.5% 17.5% 16%

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

Customs Programs Branch
 Department of Revenue Canada
 Customs and Excise
 Ottawa, Ontario
 K1A 0L5

FOREIGN COUNTRIES

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

International Bureaux
 Department of External Affairs Canada
 Ottawa, Ontario
 K1A 0G2