

## Imports of Raw Materials

The main raw materials used in the industry are synthetic resins, known in the industry as polyolefins. Total volume imported in 1990 is approximately 40,000 metric tons.

The main raw material suppliers in 1990 were the United States of America which supplied 86% of the total imported volume, equivalent to 34,000 tons. Canada was second with 3.7%, Mexico with 3.2% and Germany with 0.5% of the total. The remaining 7.1% comes from different suppliers in Europe, South America and Australia.

### RAW MATERIALS IMPORTS

#### TOTAL VOLUME IN 1990

<u>COUNTRY</u>	<u>TONS</u>	<u>PERCENTAGE %</u>
U.S.A	34,222	85.5
CANADA	1,485	3.7
MEXICO	1,269	3.2
GERMANY	181	0.5
OTHERS	2,888	7.1
<b>TOTAL</b>	<b>40,045</b>	<b>100.0</b>

This raw material is used in standard processing applications as injection, extrusion, blow molding and others (thermoforming). The most widely used process in Guatemala is extrusion in which LDPE (Low Density Polyethylene) resins are used. LDPE accounts for 50% of the total of raw material imported. HDPE (High Density Polyethylene) resins is next with 30% of the total and the remaining 20% are imports of LLDPE (Liner Low Density Polyethylene).

### RAW MATERIALS IMPORTS

#### ANNUAL VOLUME (1990)

<u>TYPE</u>	<u>TONS</u>	<u>PERCENTAGE %</u>
LDPE	20,022	50
HDPE	12,013	30
LLDPE	8,010	20
<b>TOTAL</b>	<b>40,045</b>	<b>100</b>