

Total HDPE SB 1359 High Density Polyethylene - Injection Stretch Blow Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

Material Notes:

HDPE SB 1359 is a high density polyethylene with outstanding compromise between stiffness and Environmental Stress Crack Resistance. It has been specifically designed for the manufacture of packaging for household, industrial and cosmetics liquids. HDPE SB 1359 is also suitable for food applications. Its unique molecular design allows it to be used in Injection Stretch Blow Molding process (ISBM). It combines an easy processing both during the injection of preforms and during the reheating and stretching phase on the blowing machines. HDPE SB 1359 is a pellet grade and contains antioxidants. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-HDPE-SB-1359-High-Density-Polyethylene-Injection-Stretch-Blow-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.959 g/cc	0.959 g/cc	ISO 1183
Environmental Stress Crack Resistance	>= 100 hour	>= 100 hour	F50, Anatarox 100%; ASTM D 1693B

Mechanical Properties	Metric	English	Comments
Flexural Modulus	1.30 GPa	189 ksi	ISO 178

Processing Properties	Metric	English	Comments
Processing Temperature	220 - 240 °C	428 - 464 °F	

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