

Description

HDPE SB 1359 is a high density polyethylene (HDPE) with outstanding compromise between stiffness and Environmental Stress Crack Resistance (ESCR). 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 Moulding 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.

Characteristics

Property	Method	Unit	Typical value (*)
Density	ISO 1183	g/cm ³	0.959
Flexural Modulus	ISO 178	MPa	1300
ESCR AntaroX 100%	ASTM D 1693B	h	F50 > 100

(*) Data not intended for specification purposes

Processing

It is recommended for injection step to process SB 1359 within the temperature range 220-240°C.

Handling and storage

Please refer to the safety data sheet (SDS) for handling and storage information. It is advisable to convert the product within one year after delivery provided storage conditions are used as given in the SDS of our product. SDS may be obtained from the website: www.totalrefiningchemicals.com

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