

Braskem Green PE SHD7255LSL Injection Molding High Density Polyethylene

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Description: SHC7260LS-L is a high-density polyethylene, developed for the injection molding which presents high hardness and stiffness, besides low tendency to warpage. This resin has additives against the ultraviolet radiation action. The minimum biobased content of this grade is 94%, determined according to ASTM D6866. Application: Boxes for frozen food and agricultural products, industrial containers and boxes for general use, Safety Helmets, Toilet seats, Housewares, Toys, Lids, Caps & Closures, Pallets and Boxes for beverages bottles. Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-Green-PE-SHD7255LSL-Injection-Molding-High-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.954 g/cc	0.954 g/cc	ASTM D792
ESCR 100% Igepal®	<= 5.0 hour @Temperature 50.0 °C	<= 5.0 hour @Temperature 122 °F	h/F50; Compression molded 2mm notched-plaques; ASTM D1693
Melt Flow	4.5 g/10 min @Load 2.16 kg, Temperature 190 °C	4.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	63	63	ASTM D2240
Tensile Strength, Yield	27.0 MPa	3920 psi	ASTM D638
Flexural Modulus, 1% Secant	1270 MPa	184000 psi	ASTM D790
Izod Impact, Notched	0.450 J/cm	0.843 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	74.0 °C	165 °F	ASTM D648
Vicat Softening Point	127 °C	261 °F	10 N; ASTM D1525

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China