

Braskem BS 002 HDPE Blow Molding Polyethylene (discontinued **)

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

Material Notes:

Applications: Bottles for medicines, cleaning products, cosmetics, food products and surface-active agents. Information provided by Braskem

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-BS-002-HDPE-Blow-Molding-Polyethylene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in ³	ASTM D1505
ESCR 100% Igepal®	22 hour @Thickness 3.00 mm, Temperature 23.0 °C	22 hour @Thickness 0.118 in, Temperature 73.4 °F	compression molded plaques; ASTM D1693B
Melt Flow	0.29 g/10 min @Load 2.16 kg, Temperature 190 °C	0.29 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
High Load Melt Index	35 g/10 min @Load 21.6 kg, Temperature 190 °C	35 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	64	64	ASTM D2240
Tensile Strength at Break	33.0 MPa	4790 psi	ASTM D638
Tensile Strength, Yield	27.0 MPa	3920 psi	ASTM D638
Flexural Modulus	1.378 GPa	199.9 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	68.0 °C	154 °F	ASTM D648
Vicat Softening Point	126 °C	259 °F	ASTM D1525

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