

Braskem BU 004 HDPE Blow Molding Polyethylene

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

Material Notes:

Applications: Bottles for food products, lubricating and cooking oil; toys; bottler for surface-active agents; sheets. Information provided by Braskem

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-BU-004-HDPE-Blow-Molding-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.966 g/cc	0.0349 lb/in ³	ASTM D1505
ESCR 100% Igepal®	36 hour @Thickness 3.00 mm, Temperature 23.0 °C	36 hour @Thickness 0.118 in, Temperature 73.4 °F	compression molded plaques; ASTM D1693B
Melt Flow	0.38 g/10 min @Load 2.16 kg, Temperature 190 °C	0.38 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
High Load Melt Index	42 g/10 min @Load 21.6 kg, Temperature 190 °C	42 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	66	66	ASTM D2240
Tensile Strength at Break	32.0 MPa	4640 psi	ASTM D638
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Flexural Modulus	1.781 GPa	258.3 ksi	ASTM D790

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	ASTM D1525

Descriptive Properties	Value	Comments
Molecular Weight Distribution	Bimodal	

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