

Braskem PB208 Injection Molding Low Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

Injected lids and caps; Large flat surface injected pieces. Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-PB208-Injection-Molding-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.923 g/cc	0.923 g/cc	ASTM D1505/D792
ESCR 10% Igepal®	3.0 hour @Temperature 50.0 °C	3.0 hour @Temperature 122 °F	h/50%f; compression molded 2 mm notched-plaques; ASTM D1683
Melt Flow	22 g/10 min @Load 2.16 kg, Temperature 190 °C	22 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	42	42	ASTM D2240
Tensile Strength at Break	6.00 MPa	870 psi	ASTM D638
Tensile Strength, Yield	10.0 MPa	1450 psi	ASTM D638
Flexural Modulus, 1% Secant	700 MPa	102000 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	87.0 °C	189 °F	ASTM D1525

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