

Braskem S1522 LDPE Blow Molding Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Blow Molding Grade

Material Notes:

Description: S1522 is a low density polyethylene produced in a high-pressure process, which presents good balance between mechanical properties and processability. Contain no additives. Applications: Blow molded articles for general purpose and injection blow molding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-S1522-LDPE-Blow-Molding-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 lb/in ³	ASTM-D1505
Melt Flow	1.5 g/10 min @Load 2.16 kg, Temperature 190 °C	1.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45	45	ASTM D2240
Tensile Strength at Break	12.0 MPa	1740 psi	ASTM-D638
Tensile Strength, Yield	11.0 MPa	1600 psi	ASTM-D638
Elongation at Break	850 %	850 %	ASTM D638
1% Secant Modulus	1.59 MPa	230 psi	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	110 °C	230 °F	ASMT D3418
Vicat Softening Point	95.0 °C @Load 1.02 kg	203 °F @Load 2.25 lb	ASTM-D1525

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