

Braskem ES 002G HDPE Pipe Extrusion Polyethylene (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Extruded

Material Notes:

Applications: Flat and corrugated pipes extrusion for mining, energy and telecommunication systems; piping in sewage systems.

Information provided by Braskem

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-ES-002G-HDPE-Pipe-Extrusion-Polyethylene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.953 g/cc	0.0344 lb/in ³	ASTM D1505
Melt Flow	0.18 g/10 min	0.18 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	0.65 g/10 min	0.65 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength at Break	34.0 MPa	4930 psi	ASTM D638
Tensile Strength, Yield	27.0 MPa	3920 psi	ASTM D638
Flexural Modulus	1.254 GPa	181.9 ksi	ASTM D790
Izod Impact, Notched	1.00 J/cm	1.87 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	67.0 °C	153 °F	ASTM D648
Vicat Softening Point	123 °C	253 °F	ASTM D1525

Descriptive Properties	Value	Comments
Molecular Weight Distribution	Bimodal	

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