

Global 100-25 LDPE Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

Commercial-grade, low-density polyethylene with good dimensional stability, toughness and softness. Good dimensional stability Soft Good toughness Applications: Caps Closures

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-100-25-LDPE-Polyethylene.php

Physical Properties	Metric	English	Comments
Melt Flow	25 g/10 min @Load 2.16 kg, Temperature 190 Å°C	25 g/10 min @Load 4.76 lb, Temperature 374 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50 @Thickness 3.17 mm	50 @Thickness 0.125 in	Durometer, Injection Molded; ASTM D2240
Tensile Strength at Break	56.5 MPa @Thickness 3.17 mm	8200 psi @Thickness 0.125 in	Injection Molded; ASTM D638
Tensile Strength, Yield	64.8 MPa @Thickness 3.17 mm	9400 psi @Thickness 0.125 in	Injection Molded; ASTM D638
Elongation at Yield	19 % @Thickness 3.17 mm	19 % @Thickness 0.125 in	Injection Molded; ASTM D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	86.1 Å°C	187 Å°F	ASTM D1525

Descriptive Properties	Value	Comments
Forms	Pellets	
Processing Method	Injection Molding	

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