

Carmel Olefins IPETHENE® 800 Low Density Polyethylene (discontinued **)

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

Material Notes:

IPETHENE® 800 is a low density polyethylene injection molding grade. This grade is a good carrier for masterbatches production. It exhibits high flow and flexibility. APPLICATIONS IPETHENE® 800 is used to produce lids, containers, toys, compounds and masterbatches.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Carmel-Olefins-IPETHENE-800-Low-Density-Polyethylene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.915 g/cc	0.0331 lb/in³	ISO 1183-A
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 190 °C	20 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	12.0 MPa	1740 psi	ISO 527-2
Tensile Strength, Yield	9.50 MPa	1380 psi	ISO 527-2
Elongation at Break	350 %	350 %	ISO 527-2

Thermal Properties	Metric	English	Comments
Vicat Softening Point	82.0 °C @Load 1.02 kg	180 °F @Load 2.25 lb	ISO 306

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