

ExxonMobil Escorene® HD-6733 HDPE, Injection Grade (discontinued **)

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

Material Notes:

Data Provided by Exxon Chemical Canada.Characteristics: High Flow, Good StiffnessUses: Food containers, Small pails, Nursery containers

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-HD-6733-HDPE-Injection-Grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.951 g/cc	0.0344 lb/in ³	ASTM D4883
Environmental Stress Crack Resistance	<= 2.0 hour	<= 2.0 hour	F-50; 10% Igepal Cond. B; ASTM D-1693
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	Exxon Method
Melt Flow	33 g/10 min @Load 2.16 kg, Temperature 190 °C	33 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Spiral Flow	55.8 cm	22.0 in	Exxon Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.1 MPa	3210 psi	ASTM D638
Elongation at Yield	20 %	20 %	ASTM D638
Flexural Modulus	0.558 GPa	80.9 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	130 °C	266 °F	Exxon Method
Brittleness Temperature	<= -70.0 °C	<= -94.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Nozzle Temperature	260 °C	500 °F	Nozzle (Melt)

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