

ExxonMobil LL 5202.09 Compounding Resin (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Compounding Resin

Material Notes:

LL 5202.09 is a linear low density polyethylene resin designed to provide good processability and ease of blending. The granular form of LL 5202.09 makes for efficient blending with pigments, slip and antiblock additives. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LL-520209-Compounding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in ³	ExxonMobil Method
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 190 °C	12 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	51	51	15s; ASTM D2240
Tensile Strength at Break	8.00 MPa	1160 psi	
Tensile Strength, Yield	15.0 MPa	2180 psi	2% Offset; ASTM D638
Elongation at Break	70 %	70 %	ASTM D638
1% Secant Modulus	423 MPa	61400 psi	ASTM D790
Izod Impact, Unnotched	5.13 J/cm	9.60 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	123 °C	253 °F	Peak Melting Temperature; ExxonMobil Method
Brittleness Temperature	-80.0 °C	-112 °F	ASTM D746

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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