

ExxonMobil LL 5252.09 Compounding Resin

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

Material Notes:

Product Description: LL 5252.09 is a linear low density polyethylene resin designed to provide good processability and ease of blending.

The granular form of LL 5252.09 makes for efficient blending with pigments, slip and antiblock additives. Availability: Latin America, North

America and South America Additive: Antiblock: NoSlip: NoProcessing Aid: No Thermal Stabilizer: Yes Applications: Masterbatch Base

Resin Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LL-525209-Compounding-Resin.php

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in ³	ExxonMobil Method
Melt Flow	52 g/10 min @Load 2.16 kg, Temperature 190 °C	52 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	15.4 MPa	2230 psi	
Elongation at Break	40 %	40 %	ASTM D638
1% Secant Modulus	448 MPa	65000 psi	ASTM D790
Izod Impact, Notched	4.43 J/cm	8.30 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	122 °C	252 °F	Peak Melting Temperature; ExxonMobil Method
Brittleness Temperature	-76.1 °C	-105 °F	ASTM D746

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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