

Imerys ImerPlast[®],ç 10WPC Recycled Polyolefin Resin

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polyolefin

Material Notes:

ImerPlast 10WPC is a black, UV stabilized, recycled resin with no significant odor, for compounding with wood flour for extruded decking applications. Melt filtered to 250 Åµm to ensure no particulates and offering a high coefficient of friction to extruded surfaces. Information provided by Imerys.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Imerys-ImerPlast-10WPC-Recycled-Polyolefin-Resin.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in ³	
Melt Flow	0.30 g/10 min	0.30 g/10 min	
	@Load 2.16 kg, Temperature 190 Å°C	@Load 4.76 lb, Temperature 374 Å°F	
	1.8 g/10 min	1.8 g/10 min	
	@Load 5.00 kg, Temperature 230 Å°C	@Load 11.0 lb, Temperature 446 Å°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength	26.0 MPa	3770 psi	
Tensile Modulus	1.20 GPa	174 ksi	

Processing Properties	Metric	English	Comments
Moisture Content	0.05 %	0.05 %	as packed

Descriptive Properties	Value	Comments
Color	Dark Gray	
Melt Filtration	250 Åµm	

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