

Imerys ImerPlastTM 10WPCT Recycled Polyolefin Resin

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

Material Notes:

A black, UV stabilized, recycled resin with no significant odor, for compounding with wood flour for extruded decking applications. With added reinforcing filler and wood flour dispersant, ImerPlastTM 10WPCT has been shown to significantly improve extruder output. Melt filtered to 250 μm to ensure no particulates. Information provided by Imerys.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0419 lb/in ³	
Melt Flow	0.40 g/10 min	0.40 g/10 min	
	@Load 2.16 kg, Temperature 190 $^{\circ}\text{C}$	@Load 4.76 lb, Temperature 374 $^{\circ}\text{F}$	
	2.0 g/10 min	2.0 g/10 min	
	@Load 5.00 kg, Temperature 230 $^{\circ}\text{C}$	@Load 11.0 lb, Temperature 446 $^{\circ}\text{F}$	

Mechanical Properties	Metric	English	Comments
Tensile Strength	22.0 MPa	3190 psi	
Tensile Modulus	1.60 GPa	232 ksi	

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

Descriptive Properties	Value	Comments
Color	Dark Gray	
Melt Filtration	250 μm	

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