

North Wood Plastics 60 PP + UNIFILL (20% Wood Fiber)

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Wood Filled

Material Notes:

Data provided by North Wood Plastics, Inc. UNIFILL-60 is a general purpose polyolefin compound compatible in both PP and HDPE. It is a masterbatch with 60% high quality pine wood flour filler. It is made with only the highest quality recycled resins. 2:1

Polypropylene:UNIFILL-60 yields an end product with 20% fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_North-Wood-Plastics-60-PP-UNIFILL-20-Wood-Fiber.php

Physical Properties	Metric	English	Comments
Density	0.978 g/cc	0.0353 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0092 cm/cm	0.0092 in/in	ASTM D955
Melt Flow	1.3 g/10 min @Temperature 190 °C	1.3 g/10 min @Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Elongation at Break	4.1 %	4.1 %	ASTM D638
Tensile Modulus	3.00 GPa	435 ksi	ASTM D638
Flexural Yield Strength	38.0 MPa	5510 psi	ASTM D790
Flexural Modulus	2.10 GPa	305 ksi	ASTM D790
Izod Impact, Notched	0.220 J/cm	0.412 ft-lb/in	ASTM D256
Izod Impact, Unnotched	1.20 J/cm	2.25 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	62.0 °C	144 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	<= 200 °C	<= 392 °F	To prevent fiber degradation.

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China