

Cyclewood Solutions Xylomer™ XM2-CUA Sustainable Injection Molding Resin

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic

Material Notes:

100% biodegradable and compostable thermoplastic. The sustainable bio-based resin properties perform between polypropylene and polystyrene. Xylomer™ is modified lignin, an abundant, natural byproduct of the paper manufacturing process, blended with other compostable polymers. Xylomer™ pellets have been demonstrated in injection molding and vacuum forming processes to create samples of cups and bowls. Information provided by Cyclewood Solutions.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cyclewood-Solutions-Xylomer-XM2-CUA-Sustainable-Injection-Molding-Resin.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	
Melt Flow	11.3 g/10 min @Temperature 230 °C	11.3 g/10 min @Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength	35.11 MPa	5093 psi	
Elongation at Break	7.6 %	7.6 %	
Flexural Modulus	1.49 GPa	216 ksi	
Izod Impact, Notched	0.214 J/cm	0.400 ft-lb/in	

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