

## Tipco Tipwood® 50 EX 50EX

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Wood Filled

**Material Notes:**

Description: Tipwood® is a Wood-Fiber Reinforced, Heat Stabilized Polypropylene Compound specially developed by Tipco for Automobile Interiors and Appliance Fascia Applications. Features: Environmentally Friendly Material Easy Recyclability 45-50% Special Wood Filler Excellent Extrudability High Melt Strength Superior Draw Down for Vacuum/Thermo Formability Wood-Like Surface Aesthetics Good Izod Impact Strength High Stiffness & Good Durability Good Sound Barrier Properties Extremely Low Thermal Sag Applications: Sheet Extrusion, Thermoforming, Profiles, Blow Molding and Lamination. Automotive Car Interiors, Door Panels, Trims, Wood-Finish Panels, Office Files, Trays, Marine Flooring, Audio Speakers, Resonator Devices, Blow Molded Bottles, Furniture, Mono-Block Chairs and various Artificial Wood Products. Information provided by the Manufacturer, Tipco Industries Ltd., India.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Tipco-Tipwood-50-EX-50EX.php](http://www.lookpolymers.com/polymer_Tipco-Tipwood-50-EX-50EX.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D1505
Linear Mold Shrinkage, Flow	0.0080 cm/cm	0.0080 in/in	Type I; ASTM D955
Melt Flow	6.0 g/10 min @Load 10.0 kg, Temperature 230 °C	6.0 g/10 min @Load 22.0 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.516 MPa	3555.8 psi	ASTM D638
Elongation at Break	8.0 %	8.0 %	ASTM D638
Flexural Modulus	2.452 GPa	355.6 ksi	ASTM D790
Izod Impact, Notched	0.34323 J/cm	0.64288 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	92.0 °C	198 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	<= 225 °C	<= 437 °F	
Drying Temperature	80.0 - 90.0 °C	176 - 194 °F	
Dry Time	5 - 7 hour	5 - 7 hour	Use immediately after drying.
Moisture Content	0.25 %	0.25 %	ASTM D817

Processing Properties

Metric<sup>onth</sup>

English<sup>nth</sup>

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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