

## Lushan 5% WR-2 Wood Plastic Composites Compatibilizer

Category : Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

Compatibilizer/coupling agent Lushan series for wood plastic composites is a maleic anhydride grafted polyolefins, applied in PE, PVC, wood powder, and bamboo powder and wood fiber composite materials. The molecular chain of compatibilizer contains a large number of carboxyl and anhydride-based, which can occur esterification with the hydroxyl in wood fiber, to reduce the polarity and absorbability of wood fibers. Compatibilizer/coupling agent Lushan series can make wood fibers and plastics have good compatibility, improve wood fiber's dispersion in plastics and improve the mechanical properties of wood-plastics have good compatibility, improve wood fiber's dispersion in plastics and improve the mechanical properties of wood-plastic composite materials. Compatibilizer for Wood Plastic Composites Usage: High maleic anhydride grafted polyethylene for compatibilizer between PE matrix resin and wood fiber Suitable melt viscosity and excellent miscibility with wood fiber and other materials Information provided by Lushan

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lushan-5-WR-2-Wood-Plastic-Composites-Compatibilizer.php](http://www.lookpolymers.com/polymer_Lushan-5-WR-2-Wood-Plastic-Composites-Compatibilizer.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	1.20 MPa	174 psi	
Flexural Strength	0.850 MPa	123 psi	
Izod Impact, Notched (ISO)	0.350 kJ/m <sup>2</sup>	0.167 ft-lb/in <sup>2</sup>	

## Contact Songhan Plastic Technology Co.,Ltd.

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