

Lushan PA+30% GF+5% AR-1A Nylon Toughener/PA Impact Modifier

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoplastic , Polyolefin

Material Notes:

Nylon toughener/PA impact modifier Lushan series is a maleic anhydride grafted polyolefin elastomer, with a very low residual maleic anhydride monomer, no irritating odor when using. Nylon toughener/PA impact modifier Lushan series has good response compatibility, elastomer dispersed in PA matrix rapidly to form the fine dispersed elastomer phase and the combined closely two-phase interface structure. Consequently, thereby Nylon toughener/PA impact modifier Lushan series can be used for enhancing the toughness of nylon, and improving the impact resistant of the finished articles. Nylon Toughener Usage: 1. As impact modifier for toughening Nylon products like PA6, PA66, etc. To improve the impact resistance, lower water absorption of nylon products: 2. As compatibilizer for PA/PE, PA/PP alloy. Information provided by Lushan

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lushan-PA30-GF5-AR-1A-Nylon-ToughenerPA-Impact-Modifier.php

Physical Properties	Metric	English	Comments
Melt Index of Compound	1.0 g/10 min	1.0 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	139 MPa	20200 psi	
Elongation at Break	28 %	28 %	
Flexural Strength	154 MPa	22300 psi	
Izod Impact, Notched (ISO)	19.5 kJ/m ²	9.28 ft-lb/in ²	

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