

Maleic Anhydride Grafted Polypropylene Compatibilizer

This PP compatibilizer is made of PP grafted with maleic anhydride. It improves the compatibility between polypropylene (PP) and other polymers or fillers, enhancing the mechanical properties and processability of the resulting blends.



Product Overview

High-Performance Compatibility Solutions

This Maleic Anhydride Grafted Polypropylene (PP-g-MAH) compatibilizer, identified as grade B1, is engineered to bridge the performance gap between polypropylene and various fillers or polymers. By enhancing interfacial adhesion, it promotes superior dispersion of incompatible phases within a matrix. This additive significantly boosts the mechanical integrity of PP-based composites, specifically improving impact strength, tensile strength, and elongation at break.

Technical Specifications

Material Composition	PP grafted with maleic anhydride
Grade Identifier	B1

Performance Benefits

Enhancements

- Improved interfacial compatibility
- Enhanced impact strength
- Increased tensile strength
- Optimized elongation at break
- Better processability of blends

Application Scope

Compatible Systems	Polypropylene (PP), Polymer Blends, Filled Composites
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