Technical Data Sheet: SMA® 3000I Resin

DESCRIPTION
SMA® 3000I is a low molecular weight copolymer of styrene and dimethylaminopropylamine maleimide, with an approximate 3:1 mole ratio. SMA 3000I can be used to improve adhesion to low surface energy thermoplastics. SMA 3000I also has exceptional thermal stability and has been shown to improve the dispersion of various clays, including nanoclays.

PERFORMANCE PROPERTIES
Cationic in solution
Heat stability
Water resistance

SUGGESTED APPLICATIONS
Adhesion promoter
Coating, paper
Coating-wood (cationic)
Flocculents
Inks, jet
Paper making
Paper sizing
Polymer modification
Polymeric surfactant

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