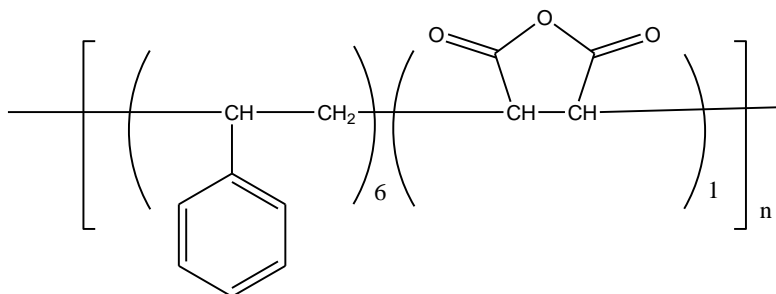


## Technical Data Sheet:

## SMA<sup>®</sup> EF60

### STYRENE MALEIC ANHYDRIDE COPOLYMER



#### DESCRIPTION

SMA<sup>®</sup> EF60 is a low molecular weight styrene maleic anhydride copolymer with an approximate 6:1 mole ratio. SMA EF60 can be utilized to modify melt flow, improve coupling, and to better disperse fillers and pigments in thermoplastics. It also offers improved impact and heat distortion temperature properties in thermoplastic materials.

#### PRODUCT HIGHLIGHTS

High purity  
Well defined reactivity

#### PERFORMANCE PROPERTIES

Excellent electrical properties  
Low metal ion content  
Low chloride ion content

#### SUGGESTED APPLICATIONS

Coatings, powder  
Composites, epoxy laminates  
Polymer modification  
Composites, polymer

#### SMA<sup>®</sup> EF60 TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Off-white Flake
Acid Number, mg KOH/gm	156
Chloride Ion, ppm.	<20
M <sub>n</sub> , g/mol.	5500
M <sub>w</sub> , g/mol.	11500
Residual maleic anhydride (%)	<0.01
Residual metals (Na,Fe,Mg) (ppm)	<10
Residual styrene (%)	<0.20
T <sub>g</sub> , °C	106
Viscosity @ 180 °C, poise	479
Viscosity @ 200 °C, poise	71

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