Technical Data Sheet: SMA® 2625

STYRENE MALEIC ANHYDRIDE COPOLYMER

![Chemical structure of SMA 2625](image)

**DESCRIPTION**

SMA® 2625 is a partial mono ester of an SMA Resin. SMA 2625 is available in flake or powder form. SMA 2625 can be utilized to improve filler and pigment dispersion in thermoplastic materials.

**PRODUCT HIGHLIGHTS**

SMA® Resin Ester which balances higher styrene content with solubility in aqueous base.

**PERFORMANCE PROPERTIES**

- Viscosity stability/Shear stability
- Polymeric surfactant
- Excellent solvent solubility

**SUGGESTED APPLICATIONS**

- Carpet cleaners
- Floor polish
- Powder coatings
- Ink additive
- Polymer modification
- Temporary coatings

**SMA® 2625**

**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES**

- **Appearance**: Off-white flake or powder
- **Acid Number, mg KOH/gm**: 220
- **Color, Gardner scale**: 1
- **Tg, °C**: 110
- **Resin Molecular Weight, M_n**: 3600
- **Resin Molecular Weight, M_w**: 9000
- **Non-volatiles, % min.**: 97
- **Solubility, gms./100 ml solvent at 25 °C**:
  - n-Hexane: <1
  - Toluene: <1
  - Ethanol – 190 proof: <1
  - Acetone: >50
  - MEK: >50
  - THF: >50
  - Ethyl Acetate: >50

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