



SZG-PDS-NA-Scripset 550E-R2

Scripset™ 550E surface sizing agent

Product Description

Scripset™ 550E surface sizing agent is a copolymer of styrene:maleic anhydride (>1:1 mole ratio), with approximately a 105,000 weight average molecular weight. The maleic groups have been esterified with a low molecular weight alcohol. Scripset 550E Electronics Grade is readily soluble in various organic solvents and in alkaline aqueous systems.

It is this dual solubility characteristic along with excellent adhesion to copper substrates and wide compatibility parameters that make it a leading binder component in photosensitive systems.

Scripset 550E is a free-flowing, fine, off-white powder (bulk density approx. 44.3 lbs./cu.ft.).

Product Application

Scripset 550E is typically used as a binder component of photosensitive systems.

Specific applications include: Primary image materials (dry films and coatings). Solder mask materials (dry films and liquid coatings).

Solubility: Soluble in a variety of organic solvents including alcohols, ketones, ethyl acetate, and co-solvents (xylene/butanol). Also soluble in aqueous alkali. Typical alkalies include: ammonium hydroxide, sodium hydroxide, soda ash, sodium borate, amines, etc.

Cross contamination with the sodium salts and ammonium salts of Scripset resins must be avoided. Mixing the sodium and ammonium products can cause gel formation. Cross contamination within Scripset resin types may also cause gel formation.

Scripset 550E is to be used in accordance with control procedures Solenis establishes for a specific application.

Benefits

- Excellent adhesion to metallic substrates
- Binder, carrier, and thickener
- Dual solubility - solvents/aqueous alkali
- Optically clear
- Removability - aqueous alkali
- Non-blocking/hardness - reduced defects
- High Tg - reduced edge creep
- Plasticizer compatible

Packaging

This product is available in a variety of packaging sizes. Your Solenis representative will recommend the appropriate packaging for the application.

Important Information

Typical Properties: Refer to the Safety Data Sheet (SDS).

Regulatory Information: Refer to the SDS or contact your sales representative for any additional regulatory and environmental information.

Safety: Solenis maintains an SDS for all of its products. Use the health and safety information contained in the SDS to develop appropriate product handling procedures to protect your employees and customers.

Our SDS should be read and understood by all of your supervisory personnel and employees before using Solenis products in your facilities.