SARTOMER®

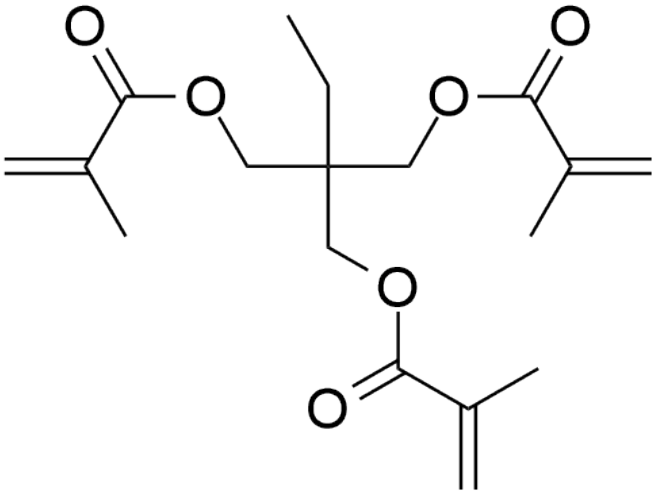
TECHNICAL DATA SHEET

SR350

Trimethylolpropane Trimethacrylate

DESCRIPTION

SR350 is a low volatility trifunctional monomer offering fast cure response in free radical polymerization.



SHELF LIFE

Store in the original, closed container in a dry, cool (<45°C) and well-ventilated place. Keep away from frost and heat (open flames, hot surfaces and sources of ignition) sources. Typical shelf-life is 6 months from delivery date for unopened containers. In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided.
Inhibitors have been added to enhance storage stability. They require the presence of air in the container in order to improve their efficiency. Keep stabilizer levels constant to avoid explosive polymerization. An air space is required above the liquid in all containers

STORAGE

See SDS for Storage Considerations

HEALTH AND SAFETY

See SDS for Health & Safety Considerations

LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	3
Color (Pt/Co or APHA)	<75
Density at 25°C (g/mL)	1.0641
Refractive Index at 25°C	1.4701
Viscosity at 25°C (mPa.s or cPs)	44
Molecular Weight (g/mol)	338
Surface Tension at 20°C (mN/m)	34

CURED PROPERTIES

Tg (°C), by DSC	27

PRODUCT PERFORMANCE

Hardness
Shrinkage
Flexibility
Weatherability
Stain Resistance
Scratch Resistance
Abrasion Resistance
Moisture Resistance

SPECIAL FEATURE

Temperature resistance

SUGGESTED APPLICATIONS

Adhesives & sealants
Artificial marble
Composites
Electrical potting & encapsulation
Electronics
Metal coatings
Nail varnishes
Overprint varnishes
Polymer synthesis
Rubber manufacturing
Wood coatings

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