

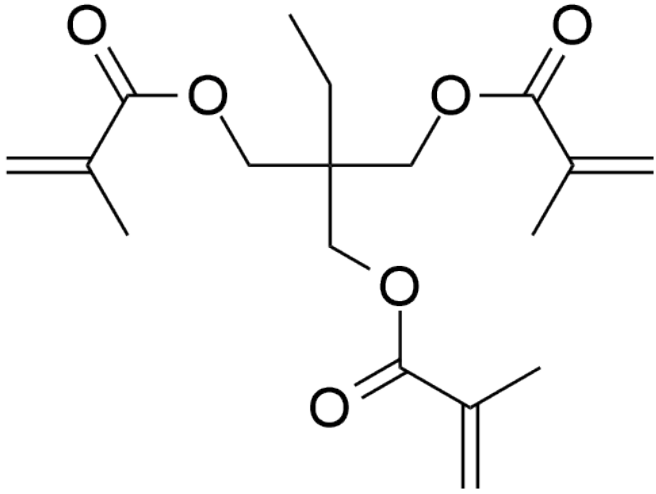
## TECHNICAL DATA SHEET

# 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
Viscosity at 25°C (mPa.s or cPs)	44
Density at 25°C (g/mL)	1.0641
Molecular Weight (g/mol)	338
Refractive Index at 25°C	1.4701
Surface Tension at 20°C (mN/m)	34

### CURED PROPERTIES

Tg (°C), by DSC	27
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### PRODUCT PERFORMANCE

Hardness  
Weatherability  
Moisture Resistance  
Shrinkage  
Flexibility  
Scratch Resistance  
Abrasion Resistance  
Stain 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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