SARTOMER®

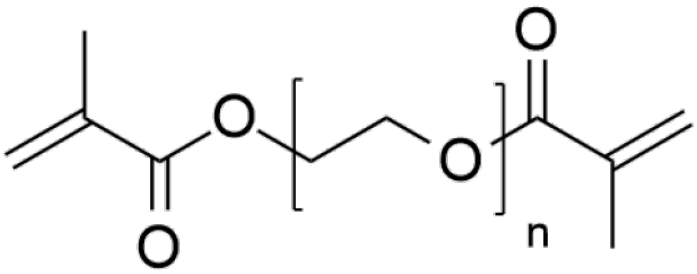
TECHNICAL DATA SHEET

SR210 A

Polyethylene Glycol Dimethacrylate

DESCRIPTION

SR210A is a low viscosity difunctional monomer with low vapor pressure and fast cure response for use in free radical polymerization.



LIQUID PROPERTIES

Appearance	Clear liquid
Viscosity at 25°C (mPa.s or cPs)	15
Density at 25°C (g/mL)	1.0832
Molecular Weight (g/mol)	330
Refractive Index at 25°C	1.4598
Surface Tension at 20°C (mN/m)	37
Functionality	2
Color (Pt/Co or APHA)	<75

CURED PROPERTIES

Tg (°C), by DSC	74

PRODUCT PERFORMANCE

Flexibility
Weatherability
Moisture Resistance
Corrosion Resistance

SPECIAL FEATURE

Hydrophilic

SUGGESTED APPLICATIONS

3D printing
Adhesives & sealants
Artificial marble
Composites
Electrical potting & encapsulation
Industrial flooring & waterproofing
Nail varnishes
Polymer synthesis
Rubber manufacturing

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

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