

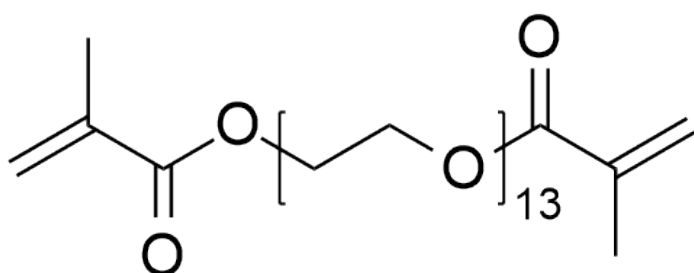
TECHNICAL DATA SHEET

SR252

Polyethylene Glycol (600) Dimethacrylate

DESCRIPTION

SR252 is a water soluble difunctional monomer that produces soft, flexible films.



LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	2
Color (Pt/Co or APHA)	<200
Viscosity at 25°C (mPa.s or cPs)	67
Density at 25°C (g/mL)	1.1042
Molecular Weight (g/mol)	736
Refractive Index at 25°C	1.4655
Surface Tension at 20°C (mN/m)	42

CURED PROPERTIES

Tg (°C), by DSC	-39
-----------------	-----

PRODUCT PERFORMANCE

Shrinkage	
Flexibility	
Weatherability	
Moisture Resistance	
Corrosion Resistance	

SPECIAL FEATURE

Water soluble

SUGGESTED APPLICATIONS

3D printing
Adhesives & sealants
Artificial marble
Composites
Electrical potting & encapsulation
Metal coatings

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 3 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

Arkema Inc
502 Thomas Jones Way
Exton, PA 19341 – AMERICA
www.Sartomer.arkema.com

Arkema France
420, rue d'Estienne d'Orves
92705 Colombes Cedex
France
www.Sartomer.arkema.com