

TECHNICAL DATA SHEET

CN1969

Urethane Methacrylate

DESCRIPTION

High performance urethane methacrylate oligomer showing a good balance of strength and flexibility.



No Intentionally Added Tin



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	2
Density at 25°C (g/mL)	1.0531
Color (Pt/Co or APHA)	<50

CURED PROPERTIES

Elongation at break (%)	84
Tg (°C) by DMA Tan delta	62
DMA Storage Modulus, G'(25° C)	4050
DMA Loss Modulus (G'') at 25° C, MPa	746
DMA Loss Modulus Peak, ° C	-10

PRODUCT PERFORMANCE

Shrinkage
Flexibility
Wood Adhesion
ABS/PC Adhesion
PVC/PS Adhesion
Weatherability
PE/PET/PP/PMMA Adhesion
Metal Adhesion
Chemical Resistance

SUGGESTED APPLICATIONS

Adhesives & sealants
Nail varnishes

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