

TECHNICAL DATA SHEET

CN962

Aliphatic Urethane Acrylate

DESCRIPTION

CN962 is an aliphatic polyester based urethane diacrylate oligomer. It is a flexible oligomer offering good weatherability.



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
Density at 25°C (g/mL)	1.1082
Refractive Index at 25°C	1.481
Functionality	2
Color (Pt/Co or APHA)	<100

CURED PROPERTIES

Tg (°C), by DSC	-38
Young Modulus (MPa)	16
Elongation at break (%)	106
Tensile Strength (MPa)	8

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

Adhesives & sealants
Inkjet inks
Metal coatings

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