

TECHNICAL DATA SHEET

CN9066

Aliphatic Urethane Acrylate

DESCRIPTION

CN9066 is a difunctional oligomer that has a low viscosity and offers a good balance of tensile strength and elongation. It imparts low color and good optical clarity.



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
Color (Pt/Co or APHA)	30

CURED PROPERTIES

Tg (°C), by DSC	57
Young Modulus (MPa)	86
Elongation at break (%)	90
Tensile Strength (MPa)	14

PRODUCT PERFORMANCE

Hardness
Weatherability
Stain Resistance
Shrinkage
Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
Abrasion Resistance
Chemical Resistance
Moisture Resistance
Corrosion Resistance
PE/PET/PP/PMMA Adhesion

SUGGESTED APPLICATIONS

Metal coatings
Nail varnishes
Plastic coatings
Wood coatings

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