

TECHNICAL DATA SHEET

CN992

Aromatic Urethane Acrylate

DESCRIPTION

CN992 is a polyester based diacrylate oligomer with low viscosity and excellent conformal properties.



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)	1.1434
Refractive Index at 25°C	1.4982
Functionality	2
Color (Pt/Co or APHA)	<100

CURED PROPERTIES

Tg (°C), by DSC	27
Young Modulus (MPa)	134
Elongation at break (%)	79
Tensile Strength (MPa)	37

PRODUCT PERFORMANCE

Shrinkage
Wood Adhesion
Hardness
Flexibility
Metal Adhesion
Scratch Resistance
Abrasion Resistance
Moisture Resistance
Corrosion Resistance

SPECIAL FEATURE

Tough

SUGGESTED APPLICATIONS

Flexographic inks
Inkjet inks
Metal coatings
Overprint varnishes
Plastic coatings
Screen inks
Wood coatings