

TECHNICAL DATA SHEET

CN132

Low Viscosity Diacrylate Oligomer

DESCRIPTION

CN132 is a low viscosity aliphatic oligomer that is fast curing, chemical resistant, and produces strong, flexible films. CN132 is recommended for applications requiring high reactivity and low viscosity.



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

LIQUID PROPERTIES

Functionality	2
Appearance	Clear liquid
Viscosity at 25°C (mPa.s or cPs)	1000
Refractive Index at 25°C	1.481
Density at 25°C (g/mL)	1.1634
Color (Gd)	8

CURED PROPERTIES

Tg (°C), by DSC	26
Young Modulus (MPa)	207
Elongation at break (%)	10
Tensile Strength (MPa)	11

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

Electronics
Flexographic inks
Inkjet inks
Offset inks
Overprint varnishes
Wood coatings

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