

TECHNICAL DATA SHEET

CN2102 E

Epoxy Acrylate

DESCRIPTION

CN2102E is an epoxy acrylate designed for UV/EB-cured inks and coatings. CN2102E combines excellent pigment dispersion properties with fast cure response.



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
Viscosity at 25°C (mPa.s or cPs)	37750
Refractive Index at 25°C	1.5265
Density at 25°C (g/mL)	1.1434
Color (Gd)	<5

CURED PROPERTIES

Elongation at break (%)	5
Young Modulus (MPa)	1510
Tensile Strength (MPa)	14

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

- Composites
- Flexographic inks
- Inkjet inks
- Wood coatings

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