

TECHNICAL DATA SHEET

CN104 Z

Epoxy acrylate

DESCRIPTION

CN104Z is a difunctional oligomer that provides a good balance of water properties and high reactivity. CN104Z offers the lowest color of Sartomer epoxy acrylates.



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)	<250
Color (Gd)	2
Refractive Index at 25°C	1.558

CURED PROPERTIES

Tg (°C), by DSC	61
Young Modulus (MPa)	2151
Elongation at break (%)	3
Tensile Strength (MPa)	37

PRODUCT PERFORMANCE

Hardness
Chemical Resistance
Scratch Resistance
Abrasion Resistance

SUGGESTED APPLICATIONS

3D printing
Adhesives & sealants
Electronics
Metal coatings
Offset inks
Overprint varnishes
Wood coatings

Arkema Inc
502 Thomas Jones Way
Exton, PA 19341 – AMERICA
www.Sartomer.arkema.com

Arkema France
420, rue d'Estienne d'Orves
92705 Colombes Cedex
France
www.Sartomer.arkema.com