

CN825

Acrylic Oligomer

Description

CN825 is a unique acrylic oligomer that enhances adhesion to non-porous substrates, especially plastics. CN825 demonstrates improved cure response and hardness versus CN823. It is further characterized by good lithographic performance and stability.

Product performance

Wood Adhesion
Hardness
ABS/PC Adhesion
Abrasion Resistance
Chemical Resistance

Suggested applications

Flexographic inks
Inkjet inks
Metal coatings
Offset inks
Screen inks

Special features

Adhesion promoter

Typical values

Appearance	Clear liquid
Color (Pt/Co or APHA)	<150
Elongation at break (%)	2
Functionality	2
Refractive Index at 25°C	1.491
Tensile Strength (MPa)	3
Viscosity at 60°C (mPa.s)	7,500
Young Modulus (MPa)	324

Shelf life

Store in the original, closed container in a dry, cool (<38°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; avoid storage under an oxygen-free atmosphere.

Storage

See SDS for Storage Considerations

Health and safety

See SDS for Health & Safety Considerations



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