

TECHNICAL DATA SHEET

CN704

Acrylated Polyester Adhesion Promoter

DESCRIPTION

CN704 is an adhesion promoter that provides excellent adhesion to polyolefins, such as polyethylene and polypropylene. It is designed for UV/EB cured inks and coatings. Due to its low acid value, CN704 can be used in formulations containing tertiary amines. Usage levels of 40% to 60% are recommended.



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	1
Refractive Index at 25°C	1.519
Density at 25°C (g/mL)	1.1203
Color (Gd)	<2

CURED PROPERTIES

Elongation at break (%)	227
Tg (°C), by DSC	33
Young Modulus (MPa)	39
Tensile Strength (MPa)	3

PRODUCT PERFORMANCE

Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
Flexibility
Abrasion Resistance
Corrosion Resistance
Scratch Resistance
Moisture Resistance

SPECIAL FEATURE

Adhesion promoter

SUGGESTED APPLICATIONS

Inkjet inks
Overprint varnishes
Wood coatings

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