SARTOMER®

TECHNICAL DATA SHEET

CN2279

Polyester Acrylate

DESCRIPTION

CN2279 is a low viscosity polyester acrylate grinding vehicle designed for UV ink jet and UV flexographic markets. Dispersions and inks made with CN2279 exhibit low viscosity, excellent flow, excellent stability and good color strength.

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 (Gd)	<7
Density at 25°C (g/mL)	1.03
Refractive Index at 25°C	1.465
Viscosity at 25°C (mPa.s or cPs)	370
Surface Tension at 20°C (mN/m)	31

CURED PROPERTIES

Tg (°C), by DSC	37
Young Modulus (MPa)	30
Elongation at break (%)	38
Tensile Strength (MPa)	8

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

Flexographic inks
Inkjet inks

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