

TECHNICAL DATA SHEET

CN2910

Acrylic Oligomer

DESCRIPTION

CN2910 is an acrylic oligomer designed to meet the low odor, low extractable, and BPA free requirements of high end food packaging coatings. The oligomer boasts equivalent coating performance to BPADGE diacrylate oligomers while meeting the application requirements.



No Intentionally Added BPA



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
Refractive Index at 25°C	1.506
Surface Tension at 20°C (mN/m)	37
Functionality	3
Color (Pt/Co or APHA)	<50

CURED PROPERTIES

Tg (°C), by DSC	85
Young Modulus (MPa)	1150
Elongation at break (%)	8.6
Tensile Strength (MPa)	61

PRODUCT PERFORMANCE

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

SPECIAL FEATURE

Low odor

SUGGESTED APPLICATIONS

Flexographic inks
Inkjet inks
Metal coatings
Plastic coatings
Screen inks

Headquarter: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80
www.Sartomer.arkema.com