

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

### CURED PROPERTIES

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

### PRODUCT PERFORMANCE

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

### SPECIAL FEATURE

Low odor

### SUGGESTED APPLICATIONS

Flexographic inks  
Inkjet inks  
Metal coatings  
Plastic coatings  
Screen inks

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