

## TECHNICAL DATA SHEET

# CN3100

## Low Viscosity Oligomer

### DESCRIPTION

CN3100 is a low viscosity oligomer that features high elongation, good chemical resistance, and hydroxyl functionality. CN3100 is used in adhesives, inks and coatings.



### 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
Color (Pt/Co or APHA)	<250
Color (Gd)	1
Viscosity at 25°C (mPa.s or cPs)	370
Density at 25°C (g/mL)	1.1584
Refractive Index at 25°C	1.521

### CURED PROPERTIES

Tg (°C), by DSC	-94
Young Modulus (MPa)	68
Elongation at break (%)	110
Tensile Strength (MPa)	6

### PRODUCT PERFORMANCE

Corrosion Resistance  
Wood Adhesion  
Metal Adhesion  
Flexibility  
Shrinkage  
Chemical Resistance  
Moisture Resistance  
ABS/PC Adhesion  
PVC/PS Adhesion

### SUGGESTED APPLICATIONS

Adhesives & sealants  
Inkjet inks  
Metal coatings

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