

## TECHNICAL DATA SHEET

# SARBIO 7202

## Acrylated Polyester Oligomer

### DESCRIPTION

SARBIO® 7202 is an acrylated polyester oligomer that is used in UV-curable coatings and inks, including flexographic, screen, and lithographic inks.



Biobased feedstock



### 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
Total Bio content (%)	45
Density at 25°C (g/mL)	1.1173
Refractive Index at 25°C	1.4995
Functionality	4
Color (Gd)	9

### CURED PROPERTIES

Tg (°C), by DSC	60
Young Modulus (MPa)	130
Elongation at break (%)	13
Tensile Strength (MPa)	8

### PRODUCT PERFORMANCE

Shrinkage  
Wood Adhesion  
Weatherability  
Hardness  
Flexibility  
Pigment Wetting  
Stain Resistance  
Scratch Resistance  
Abrasion Resistance  
Chemical Resistance  
Moisture Resistance  
Corrosion Resistance

### SPECIAL FEATURE

High functionality

### SUGGESTED APPLICATIONS

Electronics  
Flexographic inks  
Metal coatings  
Offset inks  
Overprint varnishes  
Screen inks

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