

TECHNICAL DATA SHEET

SARBIO® 7204

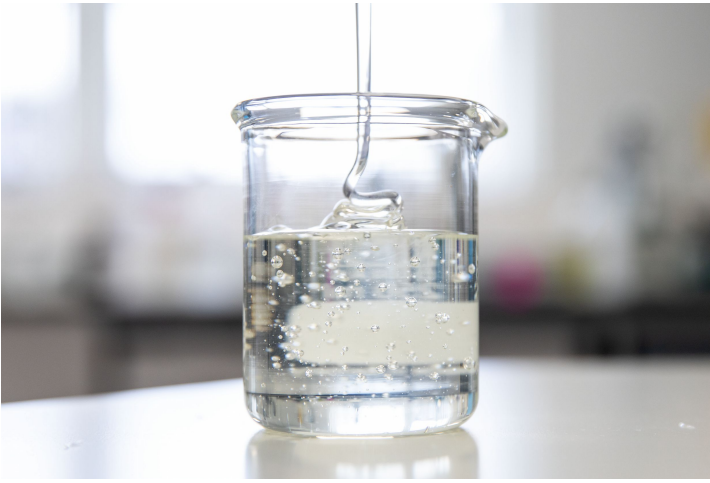
Acrylated Polyester Oligomer

DESCRIPTION

SARBIO® 7204 is a hexafunctional acrylated polyester oligomer that demonstrates good pigment wetting and fast cure response. It is recommended for use in lithographic and flexographic ink formulations, as well as abrasion resistant coatings.



Biobased feedstock



LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	6
Refractive Index at 25°C	1.489
Surface Tension at 20°C (mN/m)	35.8
Viscosity at 25°C (mPa.s or cPs)	7700
Density at 25°C (g/mL)	1.0782
Bio content (%)	50
Color (Gd)	<10

CURED PROPERTIES

Elongation at break (%)	4
Young Modulus (MPa)	586
Tensile Strength (MPa)	27
Tg (°C), by DSC	21

PRODUCT PERFORMANCE

SPECIAL FEATURE

High functionality

SUGGESTED APPLICATIONS

Flexographic inks
Inkjet inks
Metal coatings
Offset inks

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

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