

TECHNICAL DATA SHEET

LM5301

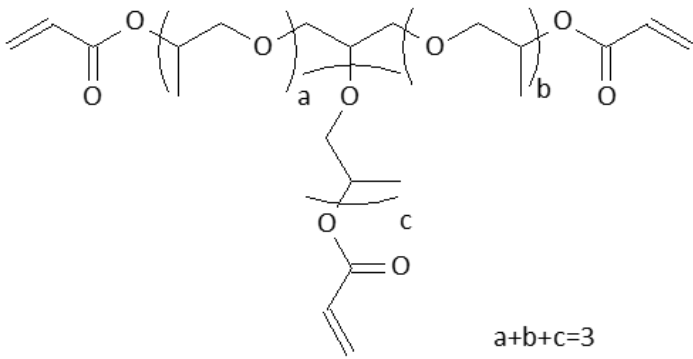
Propoxylated (3) Glyceryl Triacrylate

DESCRIPTION

LM5301 is a trifunctional acrylic monomer for use in UV/LED and EB curing coatings applications



Reduced risk of migration



LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	3
Refractive Index at 25°C	1.46
Viscosity at 25°C (mPa.s or cPs)	88
Molecular Weight (g/mol)	428
Surface Tension at 20°C (mN/m)	36.1
Color (Pt/Co or APHA)	<75

CURED PROPERTIES

Tg (°C), by DSC	45
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PRODUCT PERFORMANCE

Hardness
 Chemical Resistance
 Pigment Wetting
 Weatherability
 Abrasion Resistance
 Corrosion Resistance
 Scratch Resistance

SUGGESTED APPLICATIONS

Flexographic inks
 Offset inks
 Overprint varnishes

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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