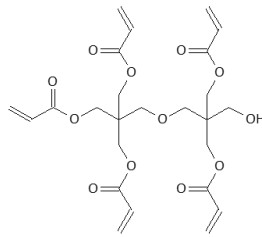


LM5601

Dipentaerythritol Pentaacrylate

**Description**

LM5601 is a pentafunctional acrylic monomer for use in UV/LED and EB curing coatings applications

Product performance

Chemical Resistance
Hardness
Abrasion Resistance
Corrosion Resistance
Moisture Resistance

Suggested applications

Flexographic inks
Inkjet inks
Offset inks
Overprint varnishes

Special features

High functionality

Typical values

Appearance	Clear liquid
Color (Pt/Co or APHA)	<150
Density at 25°C (g/mL)	1.3576
Functionality	5
Molecular Weight (g/mol)	525
Refractive Index at 25°C	1.4732
Surface Tension at 20°C (mN/m)	39.9
Tg (°C), by DSC	90
Viscosity at 25°C (mPa.s or cPs)	13,343

Shelf life

Store in the original, closed container in a dry, cool (<38°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; avoid storage under an oxygen-free atmosphere.

Storage

See SDS for Storage Considerations

Health and safety

See SDS for Health & Safety Considerations

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