

Di-Trimethylolpropane Tetraacrylate

Description

UVP 0303, Di- Trimethylol propane tetraacrylate (DiTMPTA) is a liquid monomer with fast cure response and low volatility during free radical polymerization. It has a low skin irritancy and high cross density upon curing.

Product Highlights

High gloss and hardness
Low skin irritancy

Performance properties

Good Weatherability
Good water and chemical resistance
Good abrasion resistance

Performance Verification

Good Flexibility
Hardness
Adhesion

Suggested Applications

Wood coatings
Inks
PVC floor Coatings.
UV Curable coatings
Inks and adhesives
Electronics for solder masks
Inks for gravure , offset and screen

UVP 0303 Typical Physical and Chemical Properties

Appearance	Clear Liquid
Colour in Gardner scale Maximum	1
Acid Value mg Koh/g maximum	1
Viscosity @ 25 C in Cps	600 - 700
Viscosity by FCB4 30 C	145 + - 10
Functionality	4
Molecular Weight	482
Density g/Cm ³	1.01 +- 0.01
Refractive index	1.4758
Tg C	98
Surface Tension dynes/cm	36
Flash point C polymerisation	198

Storage And Handling

UVP 0303 may crystallize or stratify if subjected to cold or freezing conditions. Allow to warm to room temperature and mix well before using. Storage must be in a cool, shaded, well ventilated and dry area away from sources of direct heat and sunlight. Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 12 months. Additional handling information is contained within the material safety data sheet which is available upon request.

PACKING CODES

PAC1013 Epoxy Coated Steel Closed Head drums 200 Kg
* Special packing also available on request