

PENTAERYTHRITOL TRIACRYLATE

Description

SR444, pentaerythritol triacrylate, which contains a pendant hydroxyl group, is a low volatility, fast curing monomer for use in free radical polymerization.

Product Highlights

Fast cure response
Hydroxyl pendant group

Product Performance

Good Adhesion
Good Chemical Resistance
Good Hardness
Good Heat Resistance
Good Water Resistance
Good Weatherability
High Abrasion Resistance

Suggested Applications

Adhesives
Adhesives, binder
Coatings
Coatings, floor
Coatings, glass
Coatings, metal
Coatings, optical
Coatings, wood
Electronics
Electronics, solder masks
Inks
Inks, flexo & gravure
Inks, offset
Inks, screen
Plastics
Sealants

SR444

Typical Physical And Chemical Properties

Color, APHA	50
Functionality	3
Refractive index @ 25° C	1.4801
Specific gravity @ 25° C	1.162
Surface tension, dynes/cm	39
Tg, °C (by DSC)	103
Viscosity, cP @ 25° C	520

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