

Monomer PPTTA

Product Description

Ethoxylated Pentaerythritol Hexaacrylate (PPTTA) is a aliphatic tetra-functional acrylate diluent with low odor and low viscosity used in ultraviolet light (UV) and electron beam (EB) curable inks and coatings. It imparts excellent crosslinking to the cured polymer providing excellent scratch and solvent resistance with good flexibility.

Chemical Data

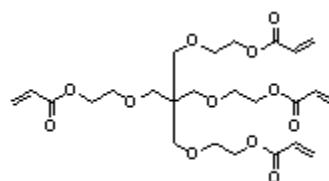
Chemicals Name

Ethoxylated (5.0) Pentaerythritol Hexaacrylate

CAS:

51728-26-8

Molecular Formula



Typical Properties

Appearance

Clear liquid

Color (APHA), max.

≤ 100

Viscosity, 25°C, cps

120 – 200

Density, g/ml at 25°C

1.14

Water wt% max

≤ 0.5

Acid value, mg KOH/g, max.

≤ 1.0

Advantages

- Low odor
- Low viscosity (high cutting power)
- Rapid cure response
- High crosslinking reactivity
- Excellent scratch and solvent resistance

Applications

UV or EB cured inks, coatings, adhesives, sealants, and electronic applications.

Packing & Storage

- 200kg / 220lb Metal Drums
- This monomer should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures below 38°C / 100°F. Exposure to direct sunlight should be avoided
- Recommended shelf life is 1 year

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.