

Monomer

PETA

Product Introduction:

PETA, pentaerythritol triacrylate, is a monomer containing hydroxyl functional groups and predominantly trifunctional. It has high reactivity, good scratch and abrasion resistance, and can be used in the synthesis of polyurethane acrylates.

Product Features:

- ◆ High activity
- ◆ High hardness
- ◆ Good adhesion
- ◆ Low irritation
- ◆ Low volatility
- ◆ Good scratch and wear resistance

Application

- ◆ Coatings and inks
- ◆ Modified copolymers
- ◆ Polyurethane acrylate synthesis

Technical information

Chemical Name	Pentaerythritol triacrylate
Appearance	Clear and transparent
Polymerization Inhibitor (MEHQ) (ppm)	400~600
Solvent content (wt%)	≤0.1
Moisture content (% , Karl Fischer)	≤0.1
Acid Value (mg KOH/g)	≤0.5
Color	≤50
Specific Gravity (25°C)	1.168~1.182
Viscosity (mPa·s, 60 RPM, 25°C)	2
Refractive Index (25°C)	1.512

Specification

Net weight 200 kg/drum

Storage

- ◆ Transportation and storage of non-hazardous chemicals
- ◆ Cool, dry and sealed storage

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