

Allyl Pentaerythritol



Description

- Allyl Pentaerythritol (APE) or Penta triallylether
- Clear colourless liquid
- Unsaturated alcohol with an average of three double bonds and one hydroxyl group

Applications

- Superabsorbant polymers
- Thickeners
- Unsaturated polyesters
- Polyurethane resins
- Epoxy resins
- Crosslinker for radical polymerisation

Delivery forms

- Steel drums 200 kg, 800 kg/pallet

Storage

- APE must be stored in sealed containers protected from heat and air.
- If stored more than 6 months, check for peroxides to ensure quality.

Sales specification

Diallyl ether content, % ¹	4.0-16.0
Triallyl ether content, % ¹	75.0-84.0
Tetraallyl ether content, % ¹	5.0-12.0

Typical properties

Peroxides (as active oxygen), ppm ²	6
Hydroxyl number, mg KOH/g ³	240
Colour, APHA ⁴	5
Viscosity (23 °C), mPas	20*

* information only

Analytical Method

¹ PO 114-4, ² PO 112-4, ³ PO 100-14, ⁴ PO 105-4

Analytical methods are available on request

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