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

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

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.

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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