

Technical Data Sheet

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Item Name:

APE

PRODUCT INFORMATION

Chinese Name:	三烯丙基醚
Commodity Name:	APE
Chemical Name:	Allyl Pentaerythritol
Other Name:	Pentaerythritol Triallyl Ether, 1-(2-naphthalenyl)-N-phenylethanamine
CAS No.:	1471-17-6
Molecular Weight:	256.34
Molecular Formula:	C ₁₄ H ₂₄ O ₄

PRODUCT DESCRIPTION

APE contains 4 functional groups including 3 allyl groups and 1 hydroxyl group which are mainly used as crosslinking agent.

TECHNICAL SPECIFICATION

Index	Standard
Appearance (25°C)	Colorless transparent liquid
Colour (APHA)	30 max
Moisture content by wt %	0.3 max
Peroxide value by ppm	30 max
Diallyl ether content by wt %	4.0-16.0
Triallyl ether content by wt %	75.0-84.0
Tetraallyl ether content by wt %	5.0-12.0
Oxide value (12g/100g)	260-310
Total content by wt %	98.0 min

MAIN APPLICATION

The thickening agent for superabsorbent resin; Unsaturated polyester resin; Polyurethane resin; Epoxy resin; UV Curing resin.

PACKING, LOADING AND SHELF LIFE

Packing: 200kg iron drum

Loading: 80 drums (16mt)/20'fcl

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheet is for informational purposes only and is not considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.