Triethylenetetramine (TETA)

Technical DataSheet | Supplied by Huntsman

Triethylenetetramine (TETA) by Huntsman is triethylenetetramine. It acts as a curing agent for epoxy resins. It also functions as a corrosion inhibitor, surfactant and mineral processing aid. It is compatible with polyamides. Triethylenetetramine (TETA) can be used in composites. It is used as a polymer and resin modifier. The shelf life of the product is 24 months.

Product Type	Crosslinkers / Curing Agents / Hardeners > Amines / Amides
Chemical Composition	Triethylenetetramine
CAS Number	112-24-3
Physical Form	Liquid
Appearance	Colorless
Product Status	COMMERCIAL
Applications/ Recommended for	PA, Nylon Epoxy, Epoxide Resin Curing & polymerisation control

Triethylenetetramine (TETA) Properties

Property	Value & Unit	Test Condition	Test Method
Molecular Weight	151		
Boiling Point	276.5 °C	At 760 mm Hg	
Freezing Point	-35.1 °C		
Density	0.981 g/ml	At 20°C	
Viscosity	13.9 cP	At 20°C	

Viscosity, Kinematic	21.4 cSt	At 25°C
Vapor Pressure	< 0.01 mm Hg	At 20°C
Coefficient of Expansion	0.00075 1/°C	At 20°C
Refractive Index	1.496	At 25°C
pH	11.5	At 1% wt. Solution
Nitrogen Content	37 %	
Amine Value	1443 mg KOH/g	
Amine Hydrogen Equivalent Weight (AHEW)	21 g/eq	
Assay	> 97 %	
Color, APHA	< 50	
Amine Content	< 2 %	Molecular Weight < TETA
Water Content	< 0.5 %	

Compatiblity with other products

Find products that are predicted to be compatible with Triethylenetetramine (TETA).

This list of compatible products is generated out of estimated HSP values. A practical determination of these HSP values would provide higher certainty.
Learn more about Hansen Solubility Parameters (HSP) and their use in predictive formulation

Compatible Products

Help us improve the Universal Selector

You can't find what you are looking for? Please report missing products / suppliers, point out errors, or simply tell us how we could make the Universal Selector better.

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