

Properties and Standard Specifications

Triethylenetetramine

Physical Properties

Product Name				: Triethylenetetramine - TETA
Molecule formula				: $H_2N - (C_2H_4 - NH)_3 - H$
Appearance				: Clear solution
Relative Density (20/20°C)				: 0.980
Boiling Point at 101.3 kPa	[°C]			: 277
at 1.33 kPa	[°C]			: 144
Pour Point	[°C]			: -35
Vapour Pressure at 20 °C	[Pa]			: < 1
Total Nitrogen content	[wt. %]			: 36
Viscosity at 20 °C	[mPa.s]			: 31
Total Amine Value	[mgKOH/gr]			: approx. 1440

Standard Specifications

Item	Unit	Value			Method of Analysis
		Minimum	Typical	Maximum	
Appearance	-	Clear , free of	suspended	matter	DEL 119
Colour	APHA		30	50	DEL 116
Water	weight %		< 0.1	0.5	DEL 115
TETA fraction	area %	96			DEL 136