

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	80	DEL 116
Water	weight %		< 0.1	0.5	DEL 115
TETA fraction	area %	96			DEL 136