

## Properties and Standard Specifications

### Diethylenetriamine

#### Physical Properties

Product Name	:	Diethylenetriamine	-	DETA
Molecule formula	:	$\text{H}_2\text{N} - (\text{C}_2\text{H}_4 - \text{NH})_2 - \text{H}$		
Appearance	:	Clear solution		
Relative Density (20/20°C)	:	0.952		
Boiling Point at 101.3 kPa	[°C]	:	207	
at 1.33 kPa	[°C]	:	86	
Freezing Point	[°C]	:	-39	
Vapour Pressure at 20 °C	[Pa]	:	30	
Total Nitrogen content	[wt. %]	:	40.7	
Viscosity at 20 °C	[mPa.s]	:	7.7	
Total Amine Value	[mgKOH/gr]	:	approx. 1625	

#### Standard Specifications

Item	Unit	Value			Method of Analysis
		Minimum	Typical	Maximum	
Appearance	-	Clear , free of	suspended	matter	DEL 119
Colour	APHA		< 5	30	DEL 116
Water	weight %		< 0.15	0.5	DEL 115
DETA content	weight %	98.5	99.0		DEL 109