

Properties and Standard Specifications

Ethylenediamine

Physical Properties

Product Name				Ethylenediamine	-	EDA
Molecule formula				H ₂ N-C ₂ H ₄ -NH ₂		
Appearance				Clear solution		
Relative Density (20/20°C)				0.898		
Boiling Point	at 101.3 kPa	[°C]		117		
	at 1.33 kPa	[°C]		19		
Freezing Point		[°C]		10.8		
Vapour Pressure at 20 °C		[Pa]		1330		
Total Nitrogen content		[wt. %]		46.6		
Viscosity at 20 °C		[mPa.s]		2.0		
Total Amine Value		[mgKOH/gr]		approx. 1870		

Standard Specifications

Item	Unit	Value			Method of Analysis
		Minimum	Typical	Maximum	
Appearance	-	Clear , free of	suspended	matter	DEL 119
Colour	APHA		< 5	15	DEL 116
Water	weight %		< 0.15	0.5	DEL 115
EDA content	weight %	99.5			DEL 107