

## Properties and Standard Specifications

### N-Aminoethylpiperazine

#### Physical Properties

Product Name	: N-Aminoethylpiperazine - AEP
Molecule formula	: $\text{HN} \begin{array}{c} \diagup \text{C}_2\text{H}_4 \diagdown \\ \diagdown \text{C}_2\text{H}_4 \diagup \end{array} \text{N} - \text{C}_2\text{H}_4 - \text{NH}_2$
Appearance	: Clear solution
Relative Density (20/20°C)	: 0.986
Boiling Point at 101.3 kPa	[°C] : 222
at 1.33 kPa	[°C] : 100
Freezing Point	[°C] : -18
Vapour Pressure at 20 °C	[Pa] : 8
Total Nitrogen content	[wt. %] : 32.5
Viscosity at 20 °C	[mPa.s] : 15
Total Amine Value	[mgKOH/gr] : approx. 1300

#### Standard Specifications

Item	Unit	Value			Method of Analysis
		Minimum	Typical	Maximum	
Appearance	-	Clear , free of	suspended	matter	DEL 119
Colour	APHA		< 5	50	DEL 116
Water	weight %		< 0.1	0.5	DEL 115
AEP content	weight %	98.0			DEL 110