

Properties and Standard Specifications

Higher Ethylenepolyamine S200

Physical Properties

Product Name				Higher Ethylenepolyamine S200 – HEPA S200
Molecule formula				$\text{H}_2\text{N} - (\text{C}_2\text{H}_4 - \text{NH})_{4-13} - \text{H}$
Appearance				Clear liquid
Relative Density 20/20°C				1.015
Boiling Point	at 101.3 kPa	[°C]		Decomposes
	at 1.33 kPa	[°C]		Not Determined
Flash Point PM		[°C]		> 150
Vapour Pressure at 20°C		[Pa]		< 1
Total Nitrogen content		[wt. %]		34
Total Amine Value		[mgKOH/gr]		approx. 1255

Standard Specifications

Item	Unit	Value			Method of Analysis
		Minimum	Typical	Maximum	
Appearance	-	Clear, free of	suspended	matter	DEL 119
Colour	Gardner		< 10	20	DEL 117
Water	weight %		< 0.1	0.5	DEL 115
PEHA + higher amines	area %	80	> 85		DEL 139