

Properties and Standard Specifications

Higher Ethylenepolyamine S140

Physical Properties

Product Name				Higher Ethylenepolyamine S140 – HEPA S140
Molecule formula				H ₂ N - (C ₂ H ₄ - NH) ₆₋₁₃ - H
Appearance				Clear liquid
Relative Density 20/20°C				1.016
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. %]		33
Total Amine Value		[mgKOH/gr]		approx. 1190

Standard Specifications

Item	Unit	Value			Method of Analysis
		Minimum	Typical	Maximum	
Appearance	-	Free of	suspended	matter	DEL 119
Colour	Gardner		< 15	20	DEL 117
Water	weight %		< 0.1	0.5	DEL 115
PEHA	area %			15	DEL 139
PEHA + higher amines	area %	95			DEL 139
Chlorides	mg/kg			500	DEL 162