

Properties and Standard Specifications

Higher Ethylenepolyamine S120

Physical Properties

Product Name	:	Higher Ethylenepolyamine S120 – HEPA S120
Molecule formula	:	$\text{H}_2\text{N} - (\text{C}_2\text{H}_4 - \text{NH})_{5-13} - \text{H}$
Appearance	:	Dark liquid
Boiling Point at 101.3 kPa	[°C]	: Decomposes
at 1.33 kPa	[°C]	: Not Determined
Total Nitrogen content	[wt. %]	: Ca. 33
Total Amine Value	[mgKOH/gr]	: approx. 1190 - 1290

Standard Specifications

Item	Unit	Value			Method of Analysis
		Minimum	Typical	Maximum	
Colour	Gardner		< 15	25	DEL 117
Water	weight %		< 0.1	0.5	DEL 115
TEPA + higher amines	area %	90	> 90		DEL 139
Chlorides	mg/kg			1000	DEL 162