

Properties and Standard Specifications

Higher Ethylenepolyamine S120

Physical Properties

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|----------------------------|---|
| Product Name | : Higher Ethylenepolyamine S120 – HEPA S120 |
| Molecule formula | : $H_2N - (C_2H_4 - NH)_{5-13} - H$ |
| 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 |