



PRODUCT TECHNICAL SPECIFICATIONS

DIETHYLENE GLYCOL (HOCH₂CH₂)₂O

IUPAC 2,2'-Oxydi(ethane 1-ol) 2,2'Oxybisethanol

EC Number 203-872-2 CAS # 111-46-6

PARAMETER	SPECIFICATION	METHOD	TYPICAL
Diethylene Glycol, wt. %	99.6 min.	ASTM E2409	99.8
Other Glycols, Oligomers wt. %	0.2 max.	ASTM E2409	0.1
Acidity, as Acetic Acid, wt. %	0.005	ASTM D1613	0.005
Relative Density@ 20°C	1.117 - 1.119	ASTM D1122	1.118
Water, wt. %	0.10 max	ASTM E203	0.04
Boiling Pt.	245 C/ 473 F		245 C
Viscosity @ 25C cP	35.5 - 35.8		35.5
Refractive Index @ 20°C	1.445 - 1.449	ASTM D1218	1.446
Colour (APHA)	15 max	ASTM D1209	8
Iron, ppm	1.0 max	ASTM E394	0.5
Ash (wt.%)	0.005	ASTM D1119	0.005

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