

Specifications for Diethylene Glycol (DEG)

Parameter	Value
Molecular Formula	C ₄ H ₁₀ O ₃
Mol Wt	106.12
CAS #	[111-46-6]
Description	Clear colourless liquid
Purity (%)	99.8 min
Sp gravity @ 20/20 deg cel	1.117 – 1.120
Distillation range in deg cel	242 – 250
Moisture (%)	0.1 max
Acidity as acetic acid in ppm	30 max
Ash in ppm	50 max

Uses:

Industry	Application
Process and Manufacturing	In anti-freeze solutions for sprinkling systems
Textile	As lubricating and finishing agent for wool, worsted cotton, rayon and silk
Colourants	Important solvent in vat dyes