

Technical Data: Tetraethylene Glycol

Product Description Tetra EG

Property	Units	Specifications	Typical	Test Method
Molecular Weight	g/mol		194.2	
Boiling Point@ 760 mm Hg,	°C(°F)	Decomposes	329 (625)	
Vapor Pressure @20°C(68°F)mmHg			<0.01	
Density, (g/cc) @20°C (68°F)			1.124	
Density, (g/cc) @60°C(140°F) 1.096			1.096	
Pounds per Gallon@25°C(77°F)			9.37	
Freezing Point,	°C(°F)		-4(25)	
Pour Point	°C(°F)		-41(-42)	
Viscosity, cP@25°C (68°F)			58.3	
Viscosity, cP@60°C(140°F)			11.4	
Surface Tension, dynes/cm@25°C(77°F)			44.0	
Refractive Index@20°C (68°F)			1.459	
Specific Heat@25°C(77°F)Btu/lb/°F			0.52	
Flash Point	°C(°F)		202 (395)	
Dipole Moment in Debyes			3.25	
Coefficient of Expansion x104(0-60°C)			7.3	
Thermal Conductivity, Btu hr-1 ft-1 25°C (77°F)			0.1106	
Heat of Formation, Btu/lb@25°C(77°F)			-212	
Heat of Vaporization, Btu/Ib@25°C(77°F)			129	
Electrical Conductivity, mhos/cm@20°C			0.0016	



Item Number

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