

Product Description

Dipropylene Glycol Methyl Ether (DPM glycol)

A hydrophilic glycol ether with a moderate evaporation rate and excellent coupling abilities.

Property	Units	Specifications	Typical	Test Method
Molecular wt	(g/mol)		148.2	
Boiling Point @ 760 mmHg, 1.01 bar			374°F 190°C	
Flash point Closed cup			167°F 75°C	
Freezing point			-117°F -83°C	
Vapor pressure @20°C			0.28mmHg 0.37 mbar	
Specific Gravity 25/25°C			0.951	
Density @ 20°C		7.95lb/gl	0.953 g/cm ³	
@ 25°C		7.91 lb/gl	0.948 g/cm ³	
Viscosity (cP or mPas@25°C)			3.7	
Surface Tension dynes/cm @ 25°C			28.8	
Specific Heat (J/g/°C @ 25°C)			2.25	
Heat of Vaporization (J/g)			267	
Net heat of combustion (kJ/g) @25°C			27.2	
Autoignition temperature			207°C 405°F	
Evaporation rate (n-butyl acetate=1)			0.035	
Hansen solubility parameters (J/cm ³) ^{1/2}				
_d (Dispersion)			15.5	
_p (Polar)			4.0	
_h (Hydrogen bonding)			11.5	
Flammable limits (vol% in air)				
Lower (measured @150°C)			1.10	
Upper (measured @150°C)			14.00	

Item Number	Date Created	Date Updated
	6/24/2015	6/24/2015



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