

Mono Ethylene Glycol

Mono Ethylene Glycol (MEG) is mainly used for two purposes, as a raw material in the production of polyester fiber and for antifreeze formulations. It can be also used in the manufacture of explosives, hydraulic brake, thermal exchange of fluids and fuel additives used in water-based coatings.

<i>Typical Properties;</i>				
TEST	METHOD	UNIT	SPECIFICATION	
			MIN	MAX
Spesific Gravity 20/20	ASTM D 4052		1,113	1,117
MEG Content	GC	%wt	99,8	-
DEG Content	GC	%wt	-	0,05
Acidity (Acetic Asid)	ASTM E202, ASTM E3679	ppm	-	10
Water	ASTM E 1064	ppm	-	600
Apperence	Visual		celar&bright	
Colour index on Pt/Cb	ASTM D 1209		-	5
UV transmittance		cell/nm		
at 220 nm		%	70	
	ASTM E 2193			
at 275 nm		%	90	
at 350 nm		%	98	
Iron	ASTM E 21615	ppm	-	0,2
Chloride (inorganic)	ASTM E 2469	ppm	-	0,5
Ash	ASTM D 482	ppm	-	10
Distillation Range				
IBP			196,5	-
FBP			-	198,5
Aldehydes	ASTM E 2313	ppm	-	15