

# Technical Data Sheet

## Product Description

### FM TEG

Triethylene Glycol is used in dehydration of gas, heat transfer fluid, cork, adhesives as a plasticizer. As a chemical intermediate in: polyester, alkyd resin laminating agents in adhesives, esterification products used in plasticizer intermediates for nitrocellulose lacquers and vinyl resins, polyester polyols for polyurethanes, silicone compounds, emulsifiers, lubricants and humectants. TEG can be used as a solvent for resin impregnants and other additives, steam-set printing inks, aromatic and paraffinic hydrocarbons separations, cleaning compounds, cyanoacrylate and polyacrylonitrile.

<b>Characteristic</b>	<b>Typical Value</b>	<b>Unit</b>	<b>Test Method</b>	<b>Preferred Method</b>
<b>Appearance</b>	Colorless		Visual	Visual
<b>Purity</b>	min. 99	wt%	100 - impurities	100 - impurities
<b>DEG</b>	max. 1	wt%	ASTM E202	SMS 2886
<b>PEG</b>	max. 0.1	wt%	ASTM E202	SMS 2886
<b>Water</b>	max. 0.05	wt%	ASTM E202	ASTM E1064/E203
<b>Color (Pt-Co)</b>	max. 25		ASTM E202	ASTM D1209
<b>Specific Gravity, 20/20 °C</b>	1.124-1.126		ASTM D4052	ASTM D4052
<b>Boiling range at 0.1013 Mpa</b>				
<b>5% vol</b>	min. 280	°C	ASTM E202	ASTM D1078
<b>95% vol</b>	max. 295	°C	ASTM E202	ASTM D1078
<b>Ash</b>	max. 100	mg/kg	ASTM D482	ASTM D482