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SHAZAND PETROCHEMICAL CO

## DIETHYLENE GLYCOL (DEG)

DIETHYLENEGLYCOL obtained from the reaction of ethylene oxide and MEG. It is a clear, transparent and odorless liquid that can be mixed with water in any proportion.

Producer	Applications
shazand	Diethylene glycol (DEG) is widely used in resins (polyester, polyurethane), plasticizers, emulsifiers, wetting agents, coolants, cement additives, brake fluids, and various industrial formulations like inks, adhesives, and agrochemicals.

Typical Properties			
Resin Properties	Unit	Specification	Test Method
PURITY	WT%	99.8 MIN	ASTM E - 202
MONOETHYLENE	WT%	0.05 MAX	ASTM E - 202
TRIETHYLENE GLYCOL	WT%	0.05 MAX	ASTM E - 202
WATER CONTENT	WT%	0.05 MAX	ASTM E - 202
ACIDITY AS ACETIC ACID	PPM	50 MAX	ASTM D - 1613
ASH CONTENT	PPM	50 MAX	ASTM D - 254/A
SP. GR. (20/20 °C)	-	1.1175-1.1195	ASTM D - 891
COLOR	Pt - Co	10 MAX	ASTM D - 1209
IBP	°C	242 MIN	ASTM D - 1078
DP	°C	250 MAX	ASTM D - 1078