



*Kimya Resin Arak Chemical Industrial Company*  
*Issued Sales Specification*

**Name of Product**  
DiEthylene Glycol

**Specification of DiEthylene Glycol**

**Revision Date**  
13-Dec-2022

CAS #: 111-46-6    Molecular Formula:  $(HOCH_2CH_2)_2O$     Molecular Weight: 106.12 gr/mol

PROPERTIES	UNIT	METHOD	RESULT
Purity	Wt%	ASTM D3545	Min 99.8
Density at 20°C	$g/cm^3$	ASTM D1298	1.1175-1.1195
MEG	Wt%	ASTM D3545	Max 0.05
TEG	Wt%	ASTM D3545	Max 0.05
Water Content	Wt%	ASTM E203	Max 0.05
Ash	mgr/Kg	ASTM D1119	Max 50
Acidity as Acetic Acid	mgr/Kg	ASTM D1613	Max 50
Boiling Range at 0.1013 Mpa	°C	ASTM D86	—
5 Percent vol.	°C		Min 242
95 Percent vol.	°C		Max 250
Appearance	—	Visual Inspection	Clear & Bright
Color	—	Pt-Co	Max 10

**APPLICATION:**

DEG (*Diethylene Glycol*): polyurethanes, polyesters, softeners (Cork, glue, Casein and paper), plasticizers, gas drying, solvents, and deicing of aircraft and runways.

**ADDRESS:**

**Head Office:** Unit 19, 7th Floor, Edge Of Daneshsara Alley, Shariati Sq., Arak, Iran.

**Tel:** +98 86 34224514-15 & +98 86 34224864    **Fax:** +98 86 38233422    **E-mail:** [info@kimyaresin-arak.com](mailto:info@kimyaresin-arak.com)

**Factory:** Shazand Industrial Zone (Shahid Babaei ), Shazand, Arak, Iran.

**Tel:** +98 86 38232049 & +98 86 38232162    **E-mail:** [sales@kimyaresin-arak.com](mailto:sales@kimyaresin-arak.com)