



Kimya Resin Arak Chemical Industrial Company
Issued Sales Specification

Name of Product
Tri Ethylene Glycol

Specification of Tri Ethylene Glycol

Revision Date
13-Dec-2022

CAS #: 112-27-6 Molecular Formula: $HO(CH_2CH_2O)_3H$ Molecular Weight: 150.17 gr/mol

PROPERTIES	UNIT	METHOD	RESULT
Purity	Wt%	ASTM D3545	99.5
Density at 20°C	g/cm ³	ASTM D1298	1.124-1.126
DiEthylene Glycol	Wt%	ASTM D3545	Max 0.5
Poly Ethylene Glycol	Wt%	ASTM D3545	Max 0.1
Water Content	Wt%	ASTM E203	Max 0.05
Ash	mgr/Kg	ASTM D1119	Max 100
Boiling Range at 0.1013 Mpa	°C	ASTM D86	—
5 Percent vol.	°C		Min 280
95 Percent vol.	°C		Max 295
Appearance	—	Visual Inspection	Clear & Bright

APPLICATION:

TEG is used by the oil and gas industry to "dehydrate" natural gas. It may also be used to dehydrate other gases, including CO₂, H₂S, and other oxygenated gases. It is necessary to dry natural gas to a certain point, as humidity in natural gas can cause pipelines to freeze, and create other problems for end users of the natural gas.

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

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

Tel: +98 86 38232049 & +98 86 38232162 **E-mail:** sales@kimyaresin-arak.com