

Glycerin Ethoxylate (KEGL)



KIMYAGARAN
Emrooz
Chemical Industries Co.

Technical Data Sheet



Glycerin Ethoxylates (KEGL)

Chemical Name:

Glycerin Polyethylene Glycol Ether

Trade Name:

KEGL

Introduction:

Glycerin Ethoxylates are nonionic surfactants which are such as all kinds of other nonionic surfactants mixtures varying in the number of repeating ethoxy groups. The digit which is appeared after the name of KEGL shows the average number of ethylene oxide units in the Glycerin Ethoxylates molecule. For example, KEGL-10 means a Glycerin molecule which is reacted with average ten molecules of ethylene oxide.

Different Grades:

KEGL-7, KEGL-10

General Applications:

Glycerin Ethoxylates are used in a wide variety of applications; they have been developed for using as wetting agent and solublizer in formulations. They also could be used as a cross-linking agent for polyesters or polyurethanes.

Packaging:

Packaging Type	Net weight	Gross weight	No. of drums per pallet	No. of pallets in a 20 FLC	Shelf life	IMCO Class
New Steel Drums	220 Kgs	238 Kgs	4	20	2 yrs	Non-Imco

Notice:

We can produce other types of Glycerin Ethoxylates (KEGLs), moreover customized packaging will be available according to customer's request.

**Safety, Handling & Storage:**

Full information on the safety, handling and storage of KEGLs is available in the corresponding Material Safety Data Sheet ([MSDS](#)).



Ethoxylated Glycerin -7EO

Trade Name: **KEGL7**

Specification

No.	Test	Standard	Reference
1	Appearance at 25°C	Clear liquid	---
2	Solubility in water by volume	100	
3	Odor	Mild	
4	Viscosity @ 98.9°C, Cst	10.9 – 11.5	ASTM D445-03
5	Specific Gravity @ 25°C	1.12-1.16	ASTM D1298
6	pH (5% in water)	5-7	ASTM D1172
7	Hydroxyl value, mgKOH/g	400-430	ASTM D4252
8	Average Molecular weight	390-420	---
9	Water, percent	Max. 1	ASTM E203



Ethoxylated Glycerin -10EO

Trade Name: **KEGL10**

Specification

No.	Test	Standard	Reference
1	Appearance at 25°C	Clear liquid	---
2	pH (5% in water)	5-7	ASTM E70
3	Hydroxyl value, mgKOH/g	310-330	ASTM D4252
4	Average Molecular weight	520-540	---
5	Solubility in water	Soluble	---
6	Water, percent	Max. 1	ASTM E203

Website: www.kimyagaran.com

Tel: +98-21-88746565

Fax: +98-21-88746564

E-Mail: info@kimyagaran.com

Address: No.133, West Hoveizeh Street, North Sohrevardi Ave., Tehran, Iran