

## POLYETHER PEG-600 (polyethylene glycol)

Product obtained by polymerization of ethylene oxide and ethylene glycol.

Application: manufacture of plasticizers for chemical, textile, rubber, metal-working and other sectors as approved by the opinion of the Ministry of Health.

Chemical name: Alpha-hydro-omega-hydroxypoly(oxy-1,2-ethanediyl)  
 Empiric formula:  $H(O-CH_2-CH_2)_n-OH$

PROPERTIES	Value	Test method
1. APHA color 25% aqueous solution, Hazen units max	25	TU para. 4.3
2. pH 5% aqueous solution, units	5.0-7.5	TU para.4.4
3. Kinematic viscosity @ $(40.0 \pm 0.3)^\circ C$ , mm <sup>2</sup> /s	59-66	TU para. 4.5
4. Hydroxyl number, mg KOH/g	172-205	TU para.4.6
5. Sulfate ash, wt% max	0.10	TU para.4.7
6. Water, wt% max	0.5	TU para.4.8

**Product form:** Colorless or yellowish, transparent, viscous liquid with faint specific odor.

**Package:** Aluminum, steel or polymer drums, specialized steel containers, railway tanks equipped with bottom drain and heating.

**Transportation:** All transport means.

**Storage:** Keep the product in sealed package to prevent moisture ingress.

The information herein is based on our data compiled and believed to be reliable on the revision date. This specification does not release customer from the responsibility to check the product for suitability for the intended use. Producer disclaims liability for any loss or damage arising from usage of this information.