

Polyethylene glycol 600 (PEG 600)

Laboratory USP Reagent

$\text{HO}(\text{C}_2\text{H}_4\text{O})_n\text{H}$

M ~ 600 g/mol

Specification

Assay	≥	99.0	%
Description		Conforms	
Identification		Conforms	
Solubility		Conforms	
Completeness & color of solution		Conforms	
Viscosity (98.9 ° C)		9.9 - 11.3	Cs
p H value		4.5 - 7.5	
Residue on ignition	≤	0.1	%
Heavy metals	≤	0.002	%
Limit of free ethylene oxide & 1,4 dioxane	≤	0.001	%
Limit of ethylene glycole & diethylene glycole	≤	0.25	%
Average molecular weight		570 - 630	

Product Code: 1.2570.

Technical Information

Formula	$\text{HO}(\text{C}_2\text{H}_4\text{O})_n\text{H}$
Chemical formula	$\text{HO}(\text{C}_2\text{H}_4\text{O})_n\text{H}$
Density	1.13 g/cm ³ (20°C)
Molar mass	600 g/mol
CAS number	25322 -68-3
HS Code	39072011
Storage	Without limitation
SDS	available
Odour	almost odourless
Form	liquid to viscose
Color	colourless
Ignition temprature	380 °C
p H value	5 - 7 (100 g/l 20 °C)
Solubility in water	soluble 20 °C)
Flash point	270 °C (0 °C)
Boiling point	~ 270 °C
Melting point	17 - 22 °C
Vapour pressure	~ 0.1hpa (20 °C)
Thermal decomposition	~ 250 °C

Glass Bottles			Plastic Bottles			Plastic Gallon		
1	Liter	●	1	Liter		5	Liter	
2.5	Liter		2.5	Liter	●	10	Liter	
						20	Liter	