



Propylene glycol block polyether

[Chemical Composition] polyoxyethylene, polyoxypropylene block polymer

【Type】 non-ions

【Technical Data】

Name	Appearance (25℃)	On average, The molecular weight	Viscosity (25℃ CPS)	Cloud Point(1% water)	Melting point (℃)	The moisture (%)	pH value (1% water)	HLB value
L31	Colorless transparent liquid	1100	200	37	—	≤1.0	5.0~7.0	3.5
L35	Colorless transparent liquid	1900	320	70~85	—	≤1.0	5.0~7.0	18.5
F38	White solid	5000	—	>100	45	≤1.0	5.0~7.0	30
L42	Colorless transparent liquid	1630	250	37	—	≤1.0	5.0~7.0	8
L43	Colorless transparent liquid	1850	310	42	—	≤1.0	5.0~7.0	10
L44	Colorless transparent liquid	2200	440	45~55	—	≤1.0	5.0~7.0	12
L45	Colorless liquid to paste	2400	—	75~85	—	≤1.0	5.0~7.0	15
L61	Colorless transparent liquid	2000	285	17~21	—	≤1.0	5.0~7.0	3
L62	Colorless transparent liquid	2500	400	21~26	—	≤1.0	5.0~7.0	7
L63	Colorless transparent liquid	2650	475	34	—	≤1.0	5.0~7.0	11
L64	Colorless transparent liquid	2900	550	57~61	—	≤1.0	5.0~7.0	13
P65	Milky white paste	3500	—	75~85	29.5	≤1.0	5.0~7.0	15
F68	White flake paste	8350	—	>100	50	≤1.0	5.0~7.0	29

*P65 is the before L65



[Performance and Application]

1, as a low foam detergent or defoamer

L61, L64, F68 are used to prepare low foaming, high detergency synthetic detergent;

L61 is used as a defoaming agent in the paper or fermentation industry;

F68 is used as an antifoaming agent in the blood circulation of artificial heart-lung machines to prevent air from entering.

2, polyether toxicity is very low, often used as pharmaceutical excipients and emulsifiers; often used in oral, nasal sprays, eyes, ear drops and shampoos.

3, polyether is an effective wetting agent, can be used for dyeing, photographic development and acidity of fabrics. In the sugar factory, F68 is used, and more water can be obtained due to the increased permeability of water.

4, polyether is a useful antistatic agent, L44 can provide long-lasting electrostatic protection for synthetic fibers.

5. Polyether is used as a dispersant in emulsion coatings. F68 is used as an emulsifier in the emulsion polymerization of vinyl acetate. L62 and L64 can be used as pesticide emulsifiers and used as coolant and lubricant in metal cutting and grinding. Used as a lubricant when vulcanizing rubber.

6. Polyether can be used as crude oil demulsifier. L64 and F68 can effectively prevent the formation of hard scale in the oil pipeline and the recovery of secondary oil.

7, polyether can be used as a papermaking auxiliaries, F68 can effectively improve the quality of coated paper.

8, F38 can be used as emulsifier, wetting agent, defoamer, demulsifier, dispersant, antistatic agent, dust remover, viscosity modifier, foam control agent, leveling agent, gelling agent, etc., used in production Agrochemicals, cosmetics, pharmaceuticals; also used in metal processing, washing, pulp and paper industry, textile processing (textile, finishing, dyeing, soft finishing), water treatment; also used as rinse aid.

9. P65 is mainly used in the wool spinning industry. As a wool protection agent, 0.3% is added to the wool carbonization process, which can reduce the damage of wool scales, increase the strength of single fiber by 10%, and reduce the yarn breakage rate by 10%.

【Packing, Storage, and Transportation】

Packed in 200Kg iron drum and 50Kg plastic drum.

Store and transport as normal chemicals. Store in a dry, well-ventilated place. The warranty period is two years.

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