



Peg fatty acid ester series

[Type] nonionic

[Specification]

Species	Specification	Model No.
polyethylene glycol stearate	Ethylene glycol monostearate	EGMS
	Ethylene glycol stearate	EGDS
	Diethylene glycol monostearate	DEGMS
	Diethylene glycol stearate	DEGDS
	Polyethylene glycol 400 Monostearate	PEG400MS
	Polyethylene glycol 400 stearate	PEG400DS
Polyoxyethylene laurate	Polyethylene glycol 200 mono laurate	PEG200ML
	Polyethylene glycol 200 Laurate	PEG200DL
	Polyethylene glycol 400 mono laurate	PEG400ML
	Polyethylene glycol 400 laurate	PEG400DL
Polyethylene Glycol Oleate	Polyethylene glycol 400 monoleate	PEG400MO
	Polyethylene glycol 400 oleic acid ester	PEG400DO
	Polyethylene glycol 600 monoleate	PEG600MO
	Polyethylene glycol 600 oleic acid ester	PEG600DO
	Polyethylene glycol 4000 monoleate	PEG4000MO
	Polyethylene glycol 6000 monoleate	PEG6000MO
	PEG-264 oleate	PEG-264 oleate

[Technical indicators]

Specifictaion	Appearance (25℃)	Acid Value mgKOH/g	Saponificatio n valuemgKO H/g	Content (%)	pHValue (1%Water solution)	HLB Value
EGMS	Yellowish to milky white solid	≤ 5	170~190	≥99%	5.0~7.0	2~4
EGDS	Yellowish to milky white solid	≤10	185~200	≥99%	5.0~7.0	1.5
DEGMS	Yellowish to milky white solid	≤ 5	160~170	≥99%	5.0~7.0	3.5
DEGDS	Yellowish to milky white solid	≤10	184~194	≥99%	5.0~7.0	3
PEG400MS	Yellowish to milky white solid	≤ 5	75~95	≥99%	5.0~7.0	10.7~11.7
PEG400DS	Yellowish to milky white solid	≤10	110~130	≥99%	5.0~7.0	7.2~8.2
PEG200ML	Colorless to pale yellow liquid	≤ 5	140~155	≥99%	5.0~7.0	9.5



PEG200DL	Colorless to pale yellow liquid	≤10	195~210	≥99%	5.0~7.0	8
PEG400ML	Colorless to pale yellow liquid	≤5	90~110	≥99%	5.0~7.0	13
PEG400DL	Colorless to pale yellow liquid	≤10	130~155	≥99%	5.0~7.0	10.5
PEG400MO	Amber Liquid	≤5	75~95	≥99%	5.0~7.0	11~12
PEG400DO	Amber Liquid	≤10	100~130	≥99%	5.0~7.0	7~8
PEG600MO	Amber Liquid	≤5	60~75	≥99%	5.0~7.0	13~14
PEG600DO	Amber Liquid	≤10	85~105	≥99%	5.0~7.0	10~11
PEG4000MO	Yellow Solid	≤5	10~15	≥99%	5.0~7.0	18~18.5
PEG6000MO	Yellow Solid	≤5	5~10	≥99%	5.0~7.0	19
PEG-264Oleate	Yellow Solid	≤2	115~125	≥99%	5.0~7.0	-

[performance and application]

Specification	performance and application
EGMS EGDS	<p>1. Soluble in isopropanol, toluene, soybean oil, mineral oil, with emulsifying, solubilizing, soft, antistatic properties.</p> <p>2. Textile, fiber processing, metal processing, cosmetics as emulsifiers, dispersants, solvents, lubricants, softeners, defoamers, antistatic agents, pearlescent agents, pharmaceutical intermediates.</p>
DEGMS DEGDS	<p>1. Insoluble in water, ethanol, ethyl ether, can be dispersed in hot water.</p> <p>2. Pharmaceutical industry as solvents, emulsifiers, dispersants, penetration enhancers; textile industry as emulsifiers, shading agents, pearlescent agents; food industry as emulsifiers, spices, pigment solvents, stabilizers, foam regulators.</p>
PEG400MS	<p>1. Soluble in a variety of organic solvents, water dispersed, with emulsification, solubilization, wetting, softening properties.</p> <p>2. Applied in the textile industry as emulsifier, softener, lubricants; cosmetics, metal processing industry as cleaning agents, lubricants, brighteners; paper industry, as paper starch coating thickener, stabilizer; water dispersible paper wetting agent, softener; pharmaceutical industry as liquid medicine, emulsion agent emulsifier; It can also be used for oil emulsification; coating. Grinding aids for printing materials and printing ink.</p>
PEG400DS	<p>1. Soluble in ethanol, isopropanol, toluene and other organic solvents, dispersed in hot water, with dispersion, emulsification, shading, solubilization, thickening properties.</p> <p>2. In textile industry, it is used as fiber lubricant, softener and antistatic agent; in cosmetics, it is used as thickener, solvent and emulsifier; in metal processing, it is used as lubricant; in paper industry, it is used as porous and absorbent toilet paper treatment; it is also used as resin plasticizer.</p>
PEG200ML	<p>It is dispersed in water and forms turbidity fluid with mineral and vegetable oils. Acted as defoamer in waterborne coatings. In Vinyl plastic sol worked as viscosity reducer, in hair dye paste as viscosity control additives. It is also paper softening additive.</p>



PEG200DL	Soluble in isopropanol, acetone, carbon tetrachloride and other solvents, dispersed in water, used as self-emulsifying auxiliary emulsifier and lubricant, mold release agent, viscosity control agent.
PEG400ML	Dispersed in water, with emulsifying, lubricating, defoaming properties, latex paint as a lubricant, fiber processing as a lubricant, leveling agent, defoaming agent, can also be used as pigment grinding dispersant, oil solvents, vinyl plastic sol anti-adhesive, cosmetics and pharmaceutical emulsifiers.
PEG400DL	It is dispersed in water and has good properties of clustering, antistatic, softening and smoothing. It is used as oil-soluble emulsifier, softener, lubricant and antistatic agent in chemical fiber oil, coupling agent and lubricant in textile industry, degreasing agent and coolant additive in metal processing, paper stripping agent, industrial and civil detergent.
PEG400MO	Soluble in benzene, isopropanol, water is dispersed as industrial special lubricant, industrial degreasing agent, vinyl plastic sol viscosity stabilizer, textile softener, lubricant, dry cleaning agent, oil-based cutting fluid equilibrium emulsifier. It Is biodegradable.
PEG400DO	Soluble in mineral and vegetable oil, dispersed in water, used as W / O emulsifier, solvent, kerosene emulsifier, industrial lubricant.
PEG600MO PEG600DO PEG4000MO PEG6000MO	1 .Dissolve in water, has good washing, emulsification, lubrication performance. 2. Used as O/W emulsifier in cosmetics, levelling agent, dispersant and softener in textile industry, lubricant in metal processing. used as insecticide emulsifier in pesticides, and also used for pickling water soluble paints and printed circuit boards.
PEG-264Oleic acid	1. It is easy to dissolve in oil and organic solvents, and has good smoothness and emulsification. 2. Widely used in synthetic fibers ase mulsifiers.It has the characteristics of low freezing point, good viscosity-temperature, low volatility and good antioxidant.

[Packaging and storage]

200Kg iron drum, 50Kg plastic bucket packing.

Storage and transportation of general chemicals.

Store in dry and ventilated place.

The shelf life is two years.

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