

Product Description

PEO P200 is a non-ionic, water-soluble poly(ethylene oxide)polymer with a high molecular weight of 2,000,000. P80 is a rheology modifier that is used to precisely control the viscosity of water based formulation. P200 can be cast or extruded into thermoplastic, water-soluble films.

Molecular formula: $\text{HO}(\text{CH}_2\text{CH}_2\text{O})_n\text{H}$

Specifications

Items	Specification
Appearance	White Powder
PH value, 25°C, 1%	7-9
Mesh 20,	100%
Mesh 40	≥90%
Dry loss,105°C, wt%	≤1.5%
Ash content,wt%	≤0.5%
Epoxypropane,mg/kg	0.5max
Antioxidant,mg/kg	0.15max
MW,D	1,,600,000-2,500,000
Pb content, mg/kg	≤0.03
MI (g/min)	40

Application Range

Cleaners: an effective thickener for household and institutional cleaner. It also provides emollient properties to cleaning consumer products.

Coatings: reduces splattering and dripping. It also provides proper coatings body and application properties.

Lubricants: improves lubricity and provides anti-misting properties. It is used as a drag reduction agent for piping and wiring applications.

PEO P200 is used in cleaning solutions, coatings and lubricant applications. It provides improved thickening and binding functionality. It also improves lubricity and water retention in water-based formulations.

Key Properties

- Water-soluble
- Soluble in some organic solvents
- Thickening with high viscosity and wide PH stability
- Film former with resistance oil and greases
- Excellent binder for organic and inorganics
- High wet tack with dry release
- Viscoelastic to reduce drifting, misting and splattering
- Emollient for consumer products
- Low toxicity, non-irritant with poor absorption
- Crosslinkable for high retentive gel

Packaging and Storage

- A. Standard Packing: In 20kg/ bags inner PE bags
- B. Standard Packing: In 20kg/barrel.
- C. Standard Packing: in 15kgs carton inner PE bags.

Store it in a cool, dry place below 30degree and protected against humidity and pressing

Safety Notes

The above data is in accordance with our knowledge, but don't absolve the clients carefully checking it all immediately on receipt. To avoid the different formulation and different raw materials, please do more testing before using it. We reserve the right to alter our product and without informing in advance.

Company Information

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