

Product Description

PEO P70 is a non-ionic, water-soluble poly(ethylene oxide)polymer with a high molecular weight of 700,000. P70 is a rheology modifier that is used to precisely control the viscosity of water based formulation. P70 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	650,000-750,000
Pb content, mg/kg	≤0.03
MI (g/min)	40

Application Range

- Adhesive for consumer product formulations.
- Agriculture: Crop protection, seed coating, and tapes.
- Cleaners: as thickener for household and institutional cleaner.
- Pulp and paper:retention aid and drainage agent in tissue and paper applications.

Key Properties

- Water-soluble
- Soluble in some organic solvenets
- Thickening with high viscosity and wide PH stability
- Film former with resistance oil and greases
- Excellent binder for organic and inorganics

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- 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 gels

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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