

Polyisobutene 1200

Specification Sheet

Description: High-molecular weight (Average MW 1,200 D) nonpolar polymer oil (synonym: hydrogenated butene homopolymer). Great mineral oil substitute.

CAS: 68937-10-0

INCI Name: Hydrogenated polyisobutene

Composition: Hydrogenated polyisobutene

Appearance: Clear viscous liquid, no odor.

Benefits:

- Emollient & moisturizer (especially where viscosity is needed as e.g. lip gloss).
- Repairs skin suppleness, prevents water loss.
- Easily emulsifiable.
- Disperses pigments for color cosmetics.
- Ensures SPF retention in sunscreens.
- Shine enhancer for lipsticks.
- Improves spreadability of creams, non-irritant, non-comedogenic, non-greasy.

Use: Can be added to formulas as is, usual final concentration 1-50%. For external use only.

Applications: Hydrating & cleansing creams, color cosmetics (e.g. lipsticks), deodorants, sunscreen products, creams for blemished and impure skin, baby care products, hair relaxers, shaving gels.

Solubility: Insoluble in water, miscible with oils.

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: USA

Raw material source: Butylenes



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Manufacture: Polyisobutene is produced by low-temperature Friedel-Crafts polymerization of dried, desulfurized butylene which is obtained by catalytic cracking of long-chain hydrocarbons.

Animal Testing: Not animal tested.

GMO: GMO-free (does not contain plant-derived components)

Vegan: Does not contain animal-derived components.

HS Code: 2712900000