

Polyisobutene 1200

Specification Sheet

Description: High-molecular weight (Average MW 1,200 Da) nonpolar polymer oil (synonym: hydrogenated butene homopolymer). Great mineral oil substitute. Clear viscous liquid, no odor. Insoluble in water, miscible with oils.

CAS: 68937-10-0

INCI Name: Hydrogenated polyisobutene

Benefits:

- Emollient & moisturizer (especially where viscosity is needed as e.g. lip gloss)
- Repairs skin suppleness, prevents water loss
- Easily emulsified
- 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%. 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.

Country of Origin: USA

Raw material source: Butylenes

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