

Specialties

Description

REDEX P is a polyethylene wax, mainly linear, with a high melting point and low viscosity, suitable for industrial applications.

Applications

REDEX P meets the relevant FDA regulations for synthetic waxes and may be used as a raw ingredient in hot melts, glues and adhesives.

REDEX P is a mainly linear wax (over 90%). This structure allows for increasing the melting point in blends without noticeably increasing viscosity, improving the application of the hot melt with conventional systems.

They also work well as a melting point modifier for waxes derived from petroleum, and as a raw material for rubber mixtures. In this application, its linearity improves the product flow properties, decreasing viscosity in blends and improving filling and mould release.

Since it is a synthetic linear wax, it works as a process aid for polyolefins, capable of reducing blend viscosity and considerably improving parts extrusion and injection.

Given its morphology, it is appropriate as a binder for use in masterbatches and as a rheology modifier in both solid and liquid lubricants.

The recommended dosage is 1 – 4 phr.

Technical characteristics

	UNIT	METHOD	VALUE
Melting point	°C	ASTM D 127	110 min.
Brookfield Viscosity at 150 °C	cP	IT-LAB-138	10 min

Available in

Powder in 25 kg bags

Applicable regulations

- FDA CFR 21: 172.888

Unless otherwise indicated, the figures cited in the technical characteristics should be considered typical

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