

POLYETHYLENE WAXES RYLEWAX



Specialities

Description

The Rylewax series is a range of polyethylene waxes with a high melting point and low viscosity, suitable for various industrial uses. It is obtained through the Mitsui process. As a result its structure is basically linear and differs mainly in its molecular weight.

Applications

The Rylewax series meets the most demanding regulations for indirect food contact; therefore, it can be used as a raw material for hot-melts, adhesives and glues.

They are very linear waxes (over 90%), which allows them to raise the melting point in mixtures without significantly increasing the viscosity, improving hot-melt application.

They also work well as a melting point modifier for waxes derived from petroleum, and as a raw material for rubber mixtures.

Due to their linear structure, they are suitable as a processing aid to improve the flow properties of the product, lowering the viscosity of the mixtures and improving the moulding filling and the demoulding process.

They are also suitable as a master batch in the dispersion of fillers and pigments in different polymers.

Technical characteristics

	UNIT	METHOD	RYLEWAX MV	RYLEWAX AV	RYLEWAX 739
Colour		VISUAL	White	White	White
Melting point	° C	ASTM D 127	>100	T110	>100
Brookfield Viscosity at 150 °C	cP	REDE.PT-10-101	T25	T85	>10

Applicable regulations

FDA 21 CFR 177.1520, 175.105. 172.886

EU Directive 94/62/EC, Directive 2005/79/EC, 2002/72/EC

Presentation

Powder in 500 kg big bags

Powder in 20 kg bags

These products, stored in suitable conditions, preserved from the water and other agents, and in sealed containers do not suffer degradation that alter their behaviour. Nevertheless we indicate a shelf life of four years from the date of manufacture.

Unless otherwise indicated, the figures referenced in the technical specifications may be considered typical

Specialities technical data sheet. Revision 3 April 2015.