

Specialities

Description

Redecoat P products have been developed to give paper, cork, wood or any other material it is applied to special properties and improve the existing ones. They are manufactured with highly refined paraffin waxes and selected additives, which have been properly treated for food use, according to FDA regulations.

They are characterised by:

- Barrier effect against water and vapour.
- Large mechanical resistance to delamination in compounds, to abrasion, scratching and wear.
- Large resistance to oxidation and very good stability in storage.
- Perfect adherence at different temperatures.
- Low migration.

Applications

They are specially designed for wrapping-food-paper coating and special decorative papers which can be in contact with the skin. Redecoat range of products provide paper substantial gloss and strength.

Our Redecoat products have a big variety of properties, so that we can assure our customers that they will meet the most strict requirements in any kind of final finish.

Redecoat P-100 and Redecoat V-100 are focussed to apply on both sides of paper. Redecoat P-200 B, Redecoat P-300 B, Redecoat P-350, Redecoat P-400 and Redecoat P-500 have been designed to be applied just on one side. Redecoat P-350, P-400 and Redecoat P-500 are the range of waxes which confer high gloss.

Technical characteristics

	UNIT	METHOD	P-100	V-100	P-200B	P-300B	P-350	P-400	P-500
Melting point	°C	ASTM D 127		60-65	87-93	90	90	88-95	88-94
Solidifying point	°C	ASTM D 938	57-63						
Penetration at 25 °C	dmm	ASTM D1321	< 17	< 15	< 10	7	8	10	< 9
Viscosity at 100 °C	cSt	ASTM D445	4	8					
Viscosity at 110 °C	cSt	ASTM D445						135	168
Viscosity at 120 °C	cSt	ASTM D445			30	75	98	115	138
Oil content	%	ASTM D 721	0.5	0.5	0.5	0.5	0.5	0.5	0.5

Presentation

In 25 kg sacks.

This information and technical advice is based on our present knowledge and experience. The values showed are typical values

Specialities Technical Data Sheet. Version 5. April 2015.

REDECOAT P

WAXES FOR PAPER COATING



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Applicable regulations

- Commission regulation (EU) No. 10/2011 on plastic materials and articles intended to come into contact with food
- Recommendation Bfr XXV. Hard Paraffins, Microcrystalline Waxes and Mixtures of these with Waxes, Resins and Plastics. Part I (A. Hard paraffins of natural origin¹).
- FDA CFR 21: 172.886 (ap.B)
- European Pharmacopeia 2002, Monografic 1034 "Macrocrystalline Paraffines"

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