

REDECOAT-R

WAXES FOR SURFACE COATING
OF CARDBOARD



Specialities

Description

The series Redecoat-R products are compounds devised to confer paper, cork, wood, or any other material on which it is applied with special properties or to improve those already existing. They are made from highly refined types of paraffin and select additives that have been suitably treated and deodorised for use in foodstuff applications in compliance with FDA regulations.

They presents an effective barrier against water or vapour, strong mechanical resistance to delamination, to abrasion, scratching, wear-and-tear and perfect adherence at different temperatures. They have a very good stability in storage.

Applications

They are particularly suited for coating all kinds of paper used on the outside surface of cardboard. Its special properties provide the cardboard with a barrier against humidity and a non-slip capacity. Within the series, the Redecoat R 7000 is the product providing greater non-slip capacity.

Technical characteristics

	UNIT	METHOD	R-1500	R-6000	R-7000
Melting Point	°C	ASTM D 127	58-62	58-61	92-98
Congeaing Point	°C	ASTM D 938			80-86
Penetration at 25 °C	dmm	ASTM D1321	17	16	< 15
Viscosity at 100 °C	cSt	ASTM D445	4	4-6	
Viscosity a 120 °C	cSt	ASTM D445			12-20
Oil content	%	ASTM D 721	0,5	< 0.5	< 0,5
Saybolt Colour	-	ASTM D156	28		

Presentation

In 25 kg. bags.

Applicable regulations

- Commission regulation (EU) No. 10/2011 on plastic materials and articles intended to come into contact with food
- Recomendation 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)

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

Specialities Technical Data Sheet. Version 2. January 2015.