

MACROCRYSTALLINE WAXES



Specialities

Description

RLESA offers a wide range of macrocrystalline waxes from its refineries in Cartagena and Puertollano. They are mostly composed of linear n-paraffins, giving them a high purity and high insulating capabilities. These waxes cover a wide range of melting points and contain oil and colour, therefore they are particularly suitable for the manufacture of various industrial applications. These products, supported in suitable conditions of storage, in sealed containers and preserved from the water and other agents, does not suffer degradation. Nevertheless, from the commercial point of view, we can indicate that the shelf life is four years from the date of manufacture

Applications

The range of macrocrystalline paraffins covers different applications such as the manufacture of candles and oil lamps, in textile fabrics and rubber anti-ozone protection. The excellent white colour of macrocrystalline paraffins is suitable for direct use or use with colouring pigments. 5860 wax can also be used in food and medicinal applications such as coatings for paper and cardboard or manufacturing Vaseline.

Technical characteristics

	UNIT	METHOD	115	137	150	234	395V	450	RS	5860	7030
Melting point	°C	ASTM D 127	60	61	62	54	66	53	45	59	80
Viscosity 100° C	cSt	ASTM D 445	4,5	5,0	4,5	3,5	6.5	3,5	2,5	4	11
Penetration at 25 °C	mm/10	ASTM D 1321	20	28	18	45	22	55	70	17	12
Oil	%	ASTM D 721	1	1,5	0,5	3	1	5	5	0,5	0,5
Colour	-	ASTM D156	25	22	25	22	25	22	25	25	25

Applicable regulations

FDA 21 CFR 172.886/b (only 5860 wax)

REGULATION (EU) No 10/2011 (only 5860 wax)

Presentation

Sheets in 25 kg boxes

Unless indicated otherwise, the values of this technical datasheet must be considered as typical values

Specialized products technical datasheet. Review 3. Dec 2017