

# MICROCRYSTALLINE WAXES



## Specialities

### Description

The range of microcrystalline waxes offered by RLESA meets the most demanding requirements for this type of product. They are obtained from the deparaffinisation of Bright Stock currents of highly paraffinic crude. These waxes are composed mainly of saturated paraffins with predominant branched chains, thus having high flexibility and high moldability. They range from 74-78 °C and the oil content from 1 to 5%. 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

Microcrystalline waxes are ideal for any application that requires insulation capabilities against moisture and flexibility such as the textile sector, the manufacture of matches, grafting in agriculture, coating candles and oil lamps, rubber ozone protection and the insulation and protection of communication cables. Micro 74 wax can also be used in food and medicinal applications such as coatings for paper and cardboard or manufacturing Vaseline

### Technical characteristics

	UNIT	METHOD	139-F	145	74
Melting point	°C	ASTM D 127	78	78	74
Viscosity 100 °C	cSt	ASTM D 445	15	16	10
Penetration at 25 °C	mm/10	ASTM D 1321	30	70	22
Oil	%	ASTM D 721	2,5	5	1

### Applicable regulations

FDA 21 CFR 172.886/b (only micro 74 wax)

REGULATION (EU) No 10/2011 (only micro 74 wax)

### Presentation

Sheets - 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