

MICROCRYSTALLINE WAXES: TYPICAL PROPERTIES & APPLICATIONS



MICROCRYSTALLINE WAX SPECIFICATIONS

Product	Melting	Congeeing	Needle Penetration	Viscosity	Colour
	Point °C ASTM D-127	Point °C ASTM D-938	mm x 0.1 @ 25°C ASTM D-1321	mm ² /s @ 100 °C ASTM D-445	ASTM D-1500
Multiwax 180 M-H	82 - 87	74 - 79	15 - 20	13 - 18	2.0 max.
Witcotack 143	81 - 86	73 - 79	17 - 22	13 - 18	2.0 max.
Multiwax ML 445-H	79 - 84	71 - 76	25 - 32	13 - 18	2.0 max.
Witcover 146	78 - 83	69 - 74	37 - 42	13 - 18	2.0 max.

All above grades of Multiwax comply with FDA requirements CFR 172.886 and 178.3710 as well as the hard paraffin monograph of the European Pharmacopoeia. In addition they meet the requirements of the European Directive for plastic materials intended to come into contact with foodstuffs and comply with recommendations of Colipa. Many of the above grades are available on special order in colours other than those listed above.

MULTIWAX® MICROCRYSTALLINE APPLICATIONS

	180 M-H	ML 445-H	Witcover 146	Witcotack 143
Candles	■	■	■	■
Chewing Gum	■	■		■
Cosmetics		■	■	
Lipcare		■	■	
Crayons		■	■	
Dental Products		■	■	
Electrical Grades	■	■		■
Hot Melt Adhesives	■	■		■
Ink Grades		■	■	
Laminating Grades		■	■	
Lubricating Grades		■	■	
Modifying Grades	■	■		■
Pharmaceutical Grades	■	■	■	■
Rustproofing Grades	■	■	■	■
Sculpture Grades		■	■	
Sealant Grades		■	■	