

Specifications for  
**MULTIWAX® ML-445 Microcrystalline Wax**

<u>PROPERTIES GUARANTEED</u>	<u>TEST METHOD</u>	<u>LIMITS</u>
MELTING POINT, °F	ASTM D127	170/180
MELTING POINT, °C	ASTM D127	76.7-82.2
PENETRATION @ 77°F	ASTM D1321	25/35
RESIDUE ON IGNITION	NF (current revision)	0.10 Max
ORGANIC ACIDS	NF (current revision)	PASS
ALKALINITY	NF (current revision)	PASS
ACIDITY	NF (current revision)	PASS
FIXED OILS, FATS, AND ROSIN	NF (current revision)	PASS
ORGANIC VOLATILE IMPURITIES	NF (current revision)	PASS
COLOR	NF (current revision)	PASS
COLOR	ASTM D1500	1.0/2.0
VISCOSITY @ 210°F, SUS	ASTM D2161	75/90
FLASH POINT, COC, °F	ASTM D92	530 Min.
ODOR RATING, PANEL AVERAGE	LATM 093	1.5 Max.

This product is a Microcrystalline Wax NF meeting requirements for NF current revision and FDA requirements as per 21 CFR 172.886

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