

Specifications for
MULTIWAX® W-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
COLOR, SAYBOLT	ASTM D156	+16 Min.
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
COLOR	NF (current revision)	PASS
ORGANIC VOLATILE IMPURITIES	NF (current revision)	PASS
VISCOSITY @ 210°F, SUS	ASTM D445	75/90
FLASH POINT, COC, °F	ASTM D92	530 Min.
ODOR RATING, PANEL AVERAGE	LATM 093	0.8 Max.

MULTIWAX W445 is a Microcrystalline Wax NF meeting requirements for NF (current revision) and FDA requirements as per 21 CFR 172.886

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