

Issued: 8/31/2015

## Specifications for <u>MULTIWAX® 180-M Microcrystalline Wax</u>

PROPERTIES GUARANTEED	TEST METHOD	LIMITS
Color	ASTM D1500	2.0 Max.
Flash Point, COC, °F	ASTM D92	530 Min.
Melting Point, °C	ASTM D127	79.4/86.7
Melting Point, °F	ASTM D127	175/188
Acidity	NF (current revision)	PASS
Alkalinity	NF (current revision)	PASS
Color	NF (current revision)	PASS
Fixed Oils, Fats, And Rosin	NF (current revision)	PASS
Organic Acids	NF (current revision)	PASS
Residue On Ignition	NF (current revision)	0.10 Max
Odor Rating, Panel Average	LATM 093	1.5 Max.
Penetration @ 77°F	ASTM D1321	15/22
Viscosity @ 210 °F, SUS	ASTM D2161	75 Min.
Residual Solvents, Reportable Quantity	USP 467	NONE

MULTIWAX<sup>®</sup> 180M is a Microcrystalline Wax NF meeting requirements for NF (current revision) and FDA requirements as per 21 CFR 172.886.

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The information contained herein is correct to the best of our knowledge. Your attention is directed to the pertinent Safety Data Sheets for the products mentioned herein. All sales are subject to Sonneborn's standard terms and conditions of sale, copies of which are available upon request and which are part of Sonneborn's invoices and/or order acknowledgments. Except as expressly provided in Sonneborn's standard terms and conditions of sale, no warranty, express or implied, including warranty of merchantability or fitness for particular purpose, is made with respect to the products described herein. Nothing contained herein shall constitute permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.

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