



THE INTERNATIONAL GROUP, INC.

About Us

THE INTERNATIONAL GROUP, INC. (IGI) is an international leader in technology, development and manufacturing of wax based products.

We are a customer driven organization committed to meeting our customer's needs by supplying value-added products and services. We understand your demands for higher product quality (IGI is ISO 9001 registered) and superior performance. We want to contribute to your success by providing top quality products supported by sound technical service that can help you produce better products cost effectively.

Contact Us

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Microcrystalline Wax



- Unrivalled range of melting point, hardness & color grades to meet specific end-product needs
- Conformance to FDA requirements as outlined in 21 CFR 172.886 & 178.3710
- Are supplied as granule, pellet, slabs or liquid bulk, all designed to fit your processing needs

Microcrystalline waxes have a complex molecular (branched) structure offers excellent oil binding properties and efficient crystal modification in other base waxes. Softer grades are malleable; tacky and flexible, making them ideal for adhesive and laminating applications. Harder grades are non-brittle and offer melt point enhancement in conjunction with opacity. Diverse use in applications such as adhesives, candles, packaging, explosives, paints, coatings, oil encapsulation, cosmetics, petrolatums and other wax blends.

Products and Specifications

Product	Description	Drop Melt Point, °C ASTM D127	Viscosity, Cp@ 212°F ASTM D445	Needle Penetration @ 77°F, ASTM D1321	Color ASTM D 6045
5788A	Flexible micro wax	60	18	30	.2
5714A	Flexible micro wax	70	14.3	29	1.2
5715A	Flexible micro wax	77	16	26	+16
5799A	Flexible micro wax	77	14.3	30	.2
5801A	Coating micro wax	80	15.0	12	.2
5818A	Coating micro wax	80	14.5	18	3.5 (max)
5897A	Hard micro wax	87	21 (max)	20 (max)	.5 (max)
5909A	Hard micro wax	90	20.1	7	.2

Packaging

Available as pellets in 50 lbs bag; granulated in 50 lbs bag; slabs (10 lbs each) in 60 lbs carton. Please check with an IGI representative for packaging requirements for the specific product you need.

The information contained herein is accurate and reliable as of the date issued to the best of our knowledge. However, since the conditions of handling and application uses are beyond our control, we make no guarantee of results and assume no liability for damages incurred by following these suggestions. Users are advised to make their own tests to determine suitability of each product. ©2010 IGI