

# THE INTERNATIONAL GROUP, INC.

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## IGI R-2779 Pillar and Votive Palm Wax Product Information Sheet

<b>Product Description</b>	IGI R-2779 is a 100% Palm blend designed for the manufacturing of the pillar and votive candles..
<b>Typical Properties</b>	<b>Congealing point:</b> (ASTM D938): 130°F (54.4°C) <b>Needle Penetration:</b> (ASTM D1321 @77°F): 9 dmm <b>Appearance (solid):</b>
<b>Benefits</b>	IGI R-2779 has a Feather like crystals pattern under correct production condition.
<b>Guidelines</b>	<ul style="list-style-type: none"> <li>• The crystal patterns can vary somewhat with the fragrance used.</li> <li>• It is essential to use fragrances designed for palm waxes, for good compatibility and throw.</li> <li>• R-2779 has good fragrance throw characteristics, fragrances and dyes specifically developed for Palm waxes should be used.</li> <li>• A maximum fragrance level of 5% is recommended for the R-2779</li> <li>• Exhibits total adhesion to the glass jar</li> <li>• Good burn characteristics when used with a wick of appropriate size and design: flame size generally 0.5 inches, clean burning, it creates a tin shell on the side of the candles</li> <li>• Need to pre-warm the mold that is used at 113 – 140°F (45-60°C).</li> <li>• Pour Temperature: 180 – 210°F (87.7 – 98.8°C).</li> </ul>
<b>Packaging, Product Form, and Storage Conditions</b>	Solid product should be stored at ambient room temperature in a clean, dry environment with the original packing. Bulk liquid product should use dedicated tanks and lines. Please contact IGI representative for additional storage details or alternate packaging forms.
<b>Technical Assistance and Customer Support</b>	<b>United States:</b> The International Group Inc 85 Old Eagle School Road Wayne, PA 1-800-852-6537 <b>Canada:</b> The International Group, Inc 50 Salome Drive Toronto, Canada M1S 2A8 1-800-561-3509

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