



## 1343 - Cut & Curl #2

**Cut & Curl #2** is a fully refined, petroleum derived paraffin wax suitable for pillar and other molded candles as well as “cut and carve” candles.

### PHYSICAL PROPERTIES

TEST METHODS	ASTM METHOD	SPECIFICATIONS		TYPICAL
		Minimum	Maximum	
Melt Point °F (°C)	D87	136 (57.8)	141 (60.6)	138 (58.9)
Kinematic Viscosity, cSt @ 210°F (98.9°C)	D445	3.5	4.5	4.0
Saybolt Viscosity, SUS @ 210°F (98.9°C)	D2161	37.8	41.1	39.5
Oil Content, Wt. %	D721	---	0.5	0.25
Flash Point (C.O.C.), °F (°C)	D92	---	---	445 (229)
Saybolt Color	D156	+28	---	+30
Odor	D1833	---	1	0
Needle Penetration, dmm @ 77°F (25°C)	D1321	---	16	13
Needle Penetration, dmm @ 100°F (37.8°C)	D1321	---	---	45

### FDA STATUS:

This product meets the FDA requirements set forth in 21 CFR 178.3710 for use in non-food articles in contact with food and in 21 CFR 172.886 for use in food.

<b>Product Type</b>	Refined Paraffin for candles.
<b>Properties (Typical)</b>	<b>Melt Point:</b> (ASTM D87) 138°F (58.9°C) <b>Needle Penetration</b> (ASTM D1321 @ 77°F): 13 dmm <b>Color</b> (ASTM D156): +30 <b>Appearance</b> (solid): translucent
<b>Description</b>	A botanical (translucent fully refined paraffin wax) that makes Votive, Pillar, and Cut & Curl Candles
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• Highly controlled consistency</li> <li>• Good burn characteristics</li> <li>• Semi translucent</li> <li>• Not as brittle as a typical paraffin wax, making it suitable for “cut and carve” applications</li> <li>• Even shrinkage, without cracking or spotting</li> </ul>
<b>General Guidelines</b>	<ul style="list-style-type: none"> <li>* Working/pouring temperatures should be in the range of 170° - 180°F</li> <li>* Scent up to 3%</li> <li>* Greater than 3% may need additives</li> <li>- may lose translucent look</li> </ul>