



441 DeGroate Rd., New Lenox, IL 60451  
 815-462-0939 Fax: 815-485-1194  
[www.dpswax.com](http://www.dpswax.com)  
 email: [info@dpswax.com](mailto:info@dpswax.com)

DPS/MORRIS WAX  
 A Division of Saco Petroleum

9807 Kaw Drive, Edwardsville, KS 66111  
 913-948-6220 Fax: 913-948-6242  
[www.sacopetroleum.com](http://www.sacopetroleum.com)



500 N. National, Springfield, MO 65804  
 417-869-7333 Fax: 417-831-4671  
[www.morriswax.com](http://www.morriswax.com)  
 email: [ghudson@morriswax.com](mailto:ghudson@morriswax.com)

## 4625 - Pillar Blend 1

**Pillar Blend 1** is a specialty formulation of petroleum waxes suitable for the manufacture of scented pillar candles.

### PHYSICAL PROPERTIES

TEST METHODS	ASTM METHOD	SPECIFICATIONS		TYPICAL
		Minimum	Maximum	
Congealing Point °F (°C)	D938	136 (57.8)	147 (63.9)	142 (61.1)
Kinematic Viscosity, cSt @ 210°F (98.9°C)	D445	3.9	5.9	4.9
Oil Content, Wt. %	D721	---	---	0.4
Saybolt Color	D6045	+25	---	+28
Odor	D1833	---	2	1
Needle Penetration, dmm @ 77°F (25°C)	D1321	10	16	11

### 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>	Specialty Candle Blend for the manufacture of Scented Pillar Candles
<b>Properties (Typical)</b>	<b>Congealing Point</b> (ASTM D938): 145°F (63°C) <b>Needle Penetration @77°F (25°C)</b> (ASTM D 1321): 13 dmm
<b>Description</b>	A specialty candle blend designed for the manufacture of molded scented pillar candles.
<b>Benefits</b>	<ul style="list-style-type: none"> <li>Controlled batch consistency</li> <li>Smooth, opaque appearance</li> <li>Good mold release</li> <li>Very good burn characteristics</li> <li>Fragrance oil retention of 3% to 6% typically</li> </ul>
<b>General Guidelines</b>	<ul style="list-style-type: none"> <li>✓ Working/pouring temperatures should be in the range of 175°F to 185°F (80°C to 85°C).</li> <li>✓ Use fragrances specifically designed for candles.</li> </ul>