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# DPS WAX, INC.

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## 4794 -Votive Blend #2

**Votive Blend #2** is a specialty formulation of petroleum waxes and synthetic waxes suitable for the manufacture of scented votive candles.

### PHYSICAL PROPERTIES

TEST METHODS	ASTM METHOD	SPECIFICATIONS		TYPICAL
		Minimum	Maximum	
Congealing Point °F (°C)	D938	125 (51.7)	131 (55)	128 (53.3)
Kinematic Viscosity, cSt @ 210°F (98.9°C)	D445	3.5	4.5	3.8
Saybolt Viscosity, SUS @ 210°F (98.9°C)	D2161	37.8	41.1	38.8
Oil Content, Wt. %	D721	---	---	0.4
Saybolt Color	D156	+20	---	---
Odor	D1833	---	2	---
Needle Penetration, dmm @ 77°F (25°C)	D1321	---	---	12
Needle Penetration, dmm @ 100°F (37.8°C)	D1321	---	---	51

<b>Product Type</b>	Specialty wax blend for the manufacture of Votive Candles
<b>Properties (Typical)</b>	<b>Congealing Point</b> (ASTM D938): 128°F (53°C) <b>Needle Penetration</b> @77°F (25°C) (ASTM D 1321): 12 dmm <b>Color</b> (ASTM D156): +26 <b>Appearance</b> (solid): Smooth, opaque
<b>Description</b>	A specialty candle blend designed for molding scented votive candles.
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• Controlled batch consistency</li> <li>• Smooth, opaque appearance with good mold release</li> <li>• Fragrance oil retention of 3% to 6% typically</li> <li>• Very good burn characteristics</li> </ul>
<b>General Guidelines</b>	<ul style="list-style-type: none"> <li>✓ Working/pouring temperatures should be in the range of 165°F to 185°F (74°C to 85°C).</li> <li>✓ Use fragrances specifically designed for candles.</li> </ul>