



4625 - Pillar Blend 1

Pillar Blend 1 is a specialty formulation of petroleum waxes suitable for the manufacture of scented pillar, votive and other molded candles.

PHYSICAL PROPERTIES

TEST METHODS	ASTM METHOD	SPECIFICATIONS		TYPICAL
		Minimum	Maximum	
Congealing Point °F (°C)	D938	135 (57.2)	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	+30	+28
Odor	D1833	---	2	1
Needle Penetration, dmm @ 77°F (25°C)	D1321	10	20	18

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.

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