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4630 - Harmony Blend

Harmony Blend is a specialty formulation for single pour container candles.

PHYSICAL PROPERTIES

TEST METHODS	ASTM METHOD	SPECIFICATIONS		TYPICAL
		Minimum	Maximum	
Congealing Point °F (°C)	D938	115 (46.1)	125 (51.7)	120 (48.9)
Kinematic Viscosity, cSt @ 210°F (98.9°C)	D445	3.9	8.8	6.4
Saybolt Color	D156	+8	----	+13
Needle Penetration, dmm @ 77°F (25°C)	D1321	105	145	125

Product Description	Specialty wax blend for “one pour” container candle applications
Properties (Typical)	Congealing Point (ASTM D938): 119°F (48.0°C) Needle Penetration (ASTM D1321@77°F (25°C)): 115 dmm Color (ASTM D156): +8.0 Appearance (solid) : soft, smooth, opaque
Benefits	<ul style="list-style-type: none"> • Good single pour properties under optimal conditions for containers up to 24 oz. jars • Good adhesion to jars under optimal conditions • High fragrance load • Smooth and creamy look • Good mold release • Candles will not creep or slump at temperatures up to 104°F (40°) • Pre-blended; no additives required
General Guidelines	<ul style="list-style-type: none"> ✓ Pouring temperatures should be from 160°F to 180°F (71°C to 82°C) ✓ Preheat jars to 125°F for better adhesion to glass ✓ Fragrance oil retention of up to 10% by weight is possible ✓ Evaluate wicks for each different fragrance-dye combination. The addition of a fragrance and dye to a candle blend changes the wicking properties of the wax, often requiring adjustment of wick size to obtain optimal burning.