

sonneborn

Candle waxes

**100% white,
100% pure,
100% odor-free,
Absolute brilliance.**



Sonneborn ultra purifies its microcrystalline Multiwax® and candle base products to assure the perfect color, appearance and performance of top-quality candles. Our Sono Jell® candle base products are white and odor-free products that offer excellent compatibility with soy and other waxes. Our Multiwax® and wax blends allow for candle fragrances to be exact and colors to be true. These characteristics are just some of the many reasons Sonneborn candle bases have become so hot. **Absolute know-how. Absolutely Sonneborn.**

KEY FEATURES AND BENEFITS

- Outstanding thermal, UV and color stability due to unique two-stage hydrogenation process.
- Help soy wax formulations cool quicker, resulting in faster candle production lines and increased productivity.
- Easy formulation when using soy wax, paraffin wax, tallow wax, scale and slack wax and many other raw materials used in candles.

SUPERIOR FORMULATIONS

- Enhanced container adhesion
- Fragrance retention
- Good cold and hot fragrance throw
- Uniform surface appearance and perfect stability — no oil bleed or cracking
- Resists shrinkage and concavity
- Odor-free for the exact candle fragrance desired
- Ultra-white wax ensures true final colors

COMMON APPLICATIONS

Type of Candle	Recommended Product	Recommended Use Level	Key Benefits
Container	Sono Jell® Candle Base IV	5–20%	Provides crystal modification in soy and paraffin blends
		10–30%	Good container adhesion and fragrance retention; crystal modifier to minimize fat bloom, shrinkage and cracking
Pillar	Multiwax® W-445	1–3%	Imparts an opaque finish and aids in mold release
	Multiwax® 180-W	1–10%	
Votive	Multiwax® 180-W	1–3%	Helps in holding fragrance
Extruded	Multiwax® W-445	1–8%	Helps in holding fragrance and gives wider melting point distribution to enhance extrusion
	Multiwax® 180-W	1–8%	
Taper	Multiwax® W-445	As needed	Used as over-dip to give smooth appearance
	Multiwax® 180-W	As needed	

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ABSOLUTE FORMULABILITY, ABSOLUTE COMPLIANCE

TYPICAL PROPERTIES

Product	Drop melting point		Cone penetration	Needle penetration	Saybolt color
	ASTM-D127		ASTM-D937	ASTM D-1321	ASTM-D156
	°F	°C	dmm	dmm	
Sono Jell® Candle Base IV	155–165	68–74	200–240		+28
Multiwax® W-445	170–180	77–82		25–35	+28
Multiwax® 180-W	175–188	79–87		15–22	+28

ABSOLUTE INVENTIVENESS

Complementing our portfolio of Sono Jell® and other candle wax bases, Sonneborn can engineer a wide variety of waxes and blends tailor-made for your candle-making needs. Our experience and knowledge enable us to engineer the world's most advanced microcrystalline waxes across a wide range of specifications. Please let us know if you require a specific product different than our standard.



ABSOLUTE COMPLIANCE

- Meets the purity requirements for FDA, as per 21 CFR 172.886 or 172.880
- ISO 9001:2015