

# sonneborn™

AN HF SINCLAIR BRAND

## Candle Waxes

100% White    100% Pure    100% Odorless

### ABSOLUTE BRILLIANCE



Sonneborn **Multiwax™** and **Sono Jell™** **Candle Base** products are ultra-purified to ensure the perfect color, appearance and performance of top-quality candles. **Sono Jell Candle Base** products are white and odorless and offer excellent compatibility with soy and other waxes. **Multiwax** microcrystalline waxes 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 waxes have developed a reputation across the industry for absolute reliability.

Absolute know-how.

**Absolutely Sonneborn.**

#### KEY FEATURES AND BENEFITS

- Outstanding thermal, UV and color stability due to unique high-pressure hydrogenation process
- Easy formulation when using soy wax, paraffin wax, tallow wax, scale wax, slack wax and synthetic wax
- Enhanced crystal modification to prevent or minimize polymorphism or fat bloom in paraffin, soy or paraffin / soy wax blends

#### SUPERIOR FORMULATIONS

- Enhanced candle appearance
- Fragrance retention
- Uniform surface appearance
- Resists shrinkage and concavity
- Accelerated cooling rates
- Odorless for the exact candle fragrance desired
- Ultra-white wax to ensure true final colors

| Type of Candle | Recommended Product      | Recommended Use Level | Key Benefits                                                                               |
|----------------|--------------------------|-----------------------|--------------------------------------------------------------------------------------------|
| CONTAINER      | Sono Jell Candle Base IV | 10–25%                | Provides crystal modification in paraffin, natural and synthetic wax blends                |
|                | Multiwax W-835           | 1–8%                  | Excellent candle appearance and fragrance retention                                        |
|                | Multiwax W-445           | 1–8%                  | Crystal modifier to minimize polymorphism, shrinkage and cracking                          |
| WAX MELT       | Sono Jell Candle Base IV | 10–25%                | Provides crystal modification in paraffin, natural and synthetic wax blends                |
|                | Multiwax W-835           | 1–8%                  |                                                                                            |
|                | Multiwax W-445           | 1–8%                  |                                                                                            |
| PILLAR         | Multiwax W-445           | 1–3%                  | Imparts an opaque finish and aids in mold release                                          |
| EXTRUDED       | Multiwax W-445           | 1–8%                  | Helps in holding fragrance and gives wider melting point distribution to enhance extrusion |
| TAPER          | Multiwax W-445           | As Needed             | Used as over-dip to give smooth appearance                                                 |

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| Product                  | Drop Melting Point |       | Cone Penetration | Needle Penetration | Saybolt Color |
|--------------------------|--------------------|-------|------------------|--------------------|---------------|
|                          | ASTM D127          |       | ASTM D937        | ASTM D1321         | ASTM D156     |
|                          | °F                 | °C    | dmm              | dmm                |               |
| Sono Jell Candle Base IV | 155–165            | 68–74 | 200–240          |                    | +20 min       |
| Multiwax W-445           | 170–180            | 77–82 |                  | 25–35              | +16 min       |

## Featuring Sono Jell® Crystal Magic

### ABSOLUTE INVENTIVENESS

Complementing our portfolio of waxes and candle base products, we can engineer a wide variety of waxes and blends tailored to your candle-making needs. Our experience and knowledge enable us to engineer the world's most advanced wax blends across a wide range of specifications.

### ABSOLUTE COMPLIANCE

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

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[sonneborn.com](http://sonneborn.com)



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