

# EcoSoya Wax Comparison Chart

(Typical Values)

The Industry's Easiest Soy Waxes	CB-Advanced Soy	Pillar Blend	Q210	Q220	Q230	Quantum	Wick Wax
<b>Drop Point, Mettler</b> AOCS Cc 18-80 °F (°C)	111°F (43.9°C)	129°F (53.9°C)	115°F (46.1°C)	117°F (47.2°C)	120°F (48.8°C)	131°F (55°C)	175°F (79.4°C)
<b>Congealing Point</b> ASTM D 938-60 F (°C)	103°F (39.4°C)	124°F (51.1°C)	109°F (42.7°C)	109°F (42.8°C)	109°F (42.8°C)	115°F (46.1°C)	140°F (62.8°C)
<b>Needle Penetration</b> ASTM D 1321-65 1/10 mm	41	21	59	45	29	33	12
<b>Color, Red (Max)</b> AOCS 13b-45 Units	3.0	3.5	3.5	3.5	3.5	6.0	2.0
<b>Suggested Pour Temperatures</b>	About 140°F to 175°F (60°C to 79.4°C)	About 155°F to 175°F (68.3°C to 79.4°C)	About 145°F to 175°F (62.8°C to 79.4°C)	About 145°F to 175°F (62.8°C to 79.4°C)	About 145°F to 175°F (62.8°C to 79.4°C)	About 145°F to 175°F (62.8°C to 79.4°C)	-----
<b>Suggested "Melt To" Temperatures</b>	Min: 155°F (68.3°C) Max: 185°F (85.0°C)	Min: 155°F (68.3°C) Max: 185°F (85.0°C)	Min: 155°F (68.3°C) Max: 180°F (82.2°C)	Min: 155°F (68.3°C) Max: 180°F (82.2°C)	Min: 155°F (68.3°C) Max: 180°F (82.2°C)	Min: 155°F (68.3°C) Max: 180°F (82.2°C)	Min: 185°F (85.0°C)
<b>Fragrance Load</b>	About 12% Max	About 12% Max	About 18% Max	About 18% Max	About 18% Max	About 18% Max	-----
<b>Packaging Format</b>	Pastilles Liquid Bulk	Pastilles Liquid Bulk	Pastilles Liquid Bulk	Pastilles Liquid Bulk	Pastilles Liquid Bulk	Pastilles Liquid Bulk	Pastilles Liquid Bulk
<b>Characteristics</b>	Clean Burning and easy to use. One pour with a smooth re-congealed burn pool.	Clean burning, easy to use firm wax requiring multiple pours for larger pillars.	Extremely clean burning, stable and easy to use. One pour with a smooth re-congealed burn pool.	Extremely clean burning, stable and easy to use. One pour with a smooth re-congealed burn pool.	Extremely clean burning, stable & easy to use. One pour, pillars may require multiple pours. Smooth re-congealed burn pool.	Pliable & malleable. Extremely clean burning, stable and easy to use. Non-Polymorphic!	High melt, pliable, extremely stable.
<b>Suggested Applications</b>	Container Candles, Tarts, Melts, and other applications.	Pillar and Molded Candles including Votives, Tarts, Melts, and Novelty as well as Container Candles and other applications	Container Candles, Tarts, Melts, and other applications.	Container Candles, Pillar Candles, Molded Candles, Tarts, Melts, and other applications.	Pillar and Molded Candles including Votives, Tarts, Melts, and Novelty as well as Container Candles and other applications.	Candle Wax and Additive. Corrugated and Paper Coating, Asphalt, Adhesive, Rubber, Paint, Ink and other applications.	Wick Coating. Corrugated and Paper Coating, Asphalt, Adhesive, Rubber, Paint, Ink, and other applications.