



Products for the Candle Industry

Product	Congeaing Point (°C)	Viscosity 100 °C (mm ² ·s ⁻¹)	Needle Penetration 25 °C (0.1 mm)
	DIN ISO 2207 ASTM D 938	DIN 515672 ASTM D 445	DIN 51579 ASTM D 1321
Wick Wax			
6301 (standard)	68 - 70	7.0 - 8.0	14 - 17
6303 (very flexible)	62 - 65	8.0 - 10.0	16 - 20
7320	65 - 67	8.0 - 10.0	16 - 18
8204 (hard)	66 - 70	5.0 - 7.0	10 - 14
8504 (flexible)	66 - 70	8.0 - 10.0	16 - 19
Overdipping Wax			
KTM 17 (standard)	60 - 62	5.0 - 6.0	13 - 16
KTM 19 (high viscosity)	59 - 62	12.0 - 15.0	12 - 14
KTM 20 (transparent)	58 - 60	4.5 - 5.5	15 - 18
KTM 21 (matt)	60 - 62	4.8 - 5.2	15 - 18
KTM 23 (standard)	60 - 62	5.0 - 6.0	12 - 16
Special Effect Overdipping Wax			
KTM 24 (ice crystal)	50 - 52	-	6 - 8
KTM 25 (snow flake)	54 - 58	4.0 - 6.0	8 - 12
KTM 35 (velvet effect)	50 - 54	5.0 - 6.0	6 - 10
Wax for Ornamental Candles, Reliefs			
0782	63 - 65	8.0 - 10.0	17 - 19
6660	67 - 70	8.0 - 10.0	15 - 18
8532	60 - 64	6.0 - 7.5	22 - 30
Paraffin Wax for jar Filling			
6213 (≤ 4% fragrance)	44 - 48	4.0 - 5.0	70 - 100
6214 (> 4% fragrance)	48 - 52	4.0 - 6.0	50 - 70
6220	50 - 54	5.0 - 6.0	100 - 120
6277	46 - 50	-	90 - 120
Natural Wax			
VaraNat C	42 - 46	6.5 - 8.5	30 - 40
Additive			
VaraMod ⁺	59 - 61	45 - 60	1 - 4
Gelwax			
	Drop Point °C	Viscosity (120 °C)	
VaraGEL 6517	64 - 68	35 - 45	-
VaraGEL 6518	67 - 73	60 - 80	-
Stearic Acid			
	CP / Titre °C	Colour Lovibond yellow	Iodine Number
Varacid N10	54 - 58	0 - 2.5	0 - 1
Varacid S16 (effect)	52 - 55	-	-
Varacid S20 (effect)	54 - 58	0 - 2.5	0 - 1



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