



SuperCera® Injection Wax Physical Properties

| | SuperCera® Red | SuperCera® Aqua | SuperCera® Gold | SuperCera® Green | SuperCera® Orange |
|----------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|
| Viscosity * | 130 -150 cps. | 130 -150 cps. | 145 -165 cps. | 150 -170 cps. | 280 - 300 cps. |
| Melting Point | 72 -82°C 162 -180°F | 59 - 65°C 138 -149°F | 69 -74°C 156 -165°F | 71- 78°C 160 -172°F | 60 - 68°C 140 -154°F |
| Ash Content | < 0.03% | < 0.03% | < 0.03% | < 0.03% | < 0.03% |
| Penetration ** | 1 - 3 dmm | 3 - 6 dmm | 1 -2 dmm | 2 - 5 dmm | 3 - 5 dmm |

* Viscosity is a measure of a liquid's fluidity — how easily it flows.

Here is a helpful comparison guide for evaluating the numbers above:

| | | | | | |
|-------------------|----|-------------------|-------|-----------------------|--------|
| Water | 1 | Maple Syrup | 150 | Molasses | 5,000 |
| Blood | 10 | Castor Oil | 250 | Chocolate Syrup | 10,000 |
| Anti-Freeze | 15 | Glycerin | 1,000 | Ketchup | 50,000 |
| Corn Oil | 50 | Honey | 2,000 | | |

** Penetration is a measure of how hard or soft a wax is. It measures the distance a needle point will penetrate a sample under standard conditions.