

Ceresin and Ozokerite Waxes



Ceresin and Ozokerite Waxes are complex hydrocarbons differing from one another in melting point and in the distribution of the hydrocarbons. Koster Keunen can specially formulate Ceresin and Ozokerite Waxes specifically focusing on the properties that are critical to the formulator, including melt point, viscosity, penetration, and gel strength. Koster Keunen carries a full line of Ceresin Waxes with melt points between 130 - 195°F and Ozokerite Waxes with melt points between 153 - 198°F.

Applications:

Polishes, Cosmetics, Candles, **Waterproofing, Sealing, Lubricating**; Protection of Plants, Fruits, Cheeses, and Vegetables; **Paper, Crayons**, Inks, Coatings, Pharmaceutical Ointments, Salves, **Electronic Insulation, and Hot Melt Adhesives**.

Advantages:

Ceresin and Ozokerite Waxes are non-toxic, non-irritating, and non-hazardous making them great for use in countless personal care products.

Regulatory:

Ceresin

INCI Name: Paraffin, Microcrystalline Wax CAS#: 8002-74-2, 63231-60-7

Ozokerite

INCI Name: Microcrystalline Wax, Paraffin CAS#: 63231-60-7, 8002-74-2

| Wax# | Wax Name | Melting Point | Congeeing Point | Penetration | Color |
|------|-------------------|---------------|-----------------|-------------|---------------------------|
| 107 | Ceresin 130/135 | 130 - 135°F | 129 - 135°F | 10 - 15 | White to Creamy White |
| 214 | Ceresin 145 | 140 - 145°F | 139 - 144°F | 8 - 14 | White |
| 108 | Ceresin 140/145 | 140 - 150°F | 139 - 149°F | 8 - 14 | White to Creamy White |
| 182 | Ceresin 1556 | 165 - 175°F | 163 - 173°F | 5 - 12 | White to Off White |
| 159 | Ceresin 192 | 190 - 195°F | 189 - 194°F | 9 - 14 | White to Off White |
| 113 | Ozokerite 153/160 | 153 - 160°F | 152 - 159°F | 8 - 15 | White to Off White |
| 248 | Ozokerite Wax | 155 - 165°F | 155 - 165°F | 8 - 15 | Off White to Light Yellow |
| 116 | Ozokerite 164/170 | 164 - 170°F | 162 - 169°F | 6 - 12 | White to Off White |
| 117 | Ozokerite 170 | 165 - 175°F | 165 - 175°F | 8 - 13 | White |
| 451 | Ozokerite 175 | 165 - 183°F | 165 - 183°F | 8 - 15 | White to Off White |
| 156 | Ozokerite 180 | 177 - 185°F | 175 - 184°F | 2 - 6 | White to Off White |
| 237 | Ozokerite 195 | 193 - 198°F | 192 - 197°F | 5 - 9 | White to Light Yellow |
| 318 | Ozokerite 1090 | 193 - 198°F | - | 7 - 15 | White to Off White |

Specific waxes that are most appropriate for this category have been highlighted here