



Freeman Optical Soluble Wax

Description

Freeman Optical Soluble Wax is a high-quality investment casting wax specifically formulated for the jewelry industry. It is ideal for making any design where a hollow area in the finished pattern is desired. It is also used as a temporary adhesive in the manufacturing of intraocular lenses.

- Melted over a low flame or wax pot
- Injected or gravity poured into a mold
- Easily dissolved by water or rapidly by immersing in 5-10% muriatic acid solution.

Physical Properties

| | |
|----------------------------------|-----------------------------------|
| Color | Translucent White to Light Yellow |
| Specific gravity | .92 |
| Hardness (Shore D) | 50 (+/- 10) |
| Ring & Ball Softening Point (°F) | 136-152 |
| Viscosity (cps) | |
| @ 170°F | 750-1100 |
| @ 160°F | 900-1250 |
| @ 150°F | 1200-1500 |
| Recommended Wax Temp | 65°C – 75°C (149°F – 167°F) |
| Recommended Arbor Temp | 69°C – 79°C (156°F – 174°F) |

*Do not heat material above 200°F.

Ordering Information

| SKU | Description | UM |
|--------|--|------|
| 118423 | Optical Soluble Wax 50# Carton (slabs) | Each |
| 118424 | Optical Soluble Wax 50# Box (beads) | Each |

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT