

## Jewelry Molding Casting Silicone

### **Product Description:**

Jewelry Molding Silicone is great to make molds either with simple or intricate patterns, like artificial jewelry, resin Jewelry, artificial necklace, artificial bracelet etc. With good resistance to heat, deformation, acid & alkali and expansion, finished silicone molds serve very good performance in reproduction process with every fine detail on designing models.



### **Appearance:**

Part A: an non-toxic and odorless liquid in translucent color with platinum inside

Part B: an non-toxic and odorless liquid in translucent color.

**ATT:** We do any curing time as you requirements



**Features:**

- ✧ Amazing fluidity and easy to operate
- ✧ Platinum-based (environmental, odorless and nontoxic)
- ✧ Delicate design available
- ✧ Mixing ration: 1:1 and 10:1 are available
- ✧ Easy de-molding
- ✧ Excellent tension and tear strength
- ✧ High performance in duplication
- ✧ Non shrinkage
- ✧ Excellent resistance to weather, temperature, aging, acid & aging-Proofing.
- ✧ High resistance to high temperature and aging(resist -60 to 250°C)

**Model Code:** J830#, J835#, S840#.

**Technical Data:**

**Notes:** The data are based on the operation under room temperature of 25 °C.

| Typical general characteristics<br>Product data<br>(Catalyzed A+B) | Inspection Method | Value       |             |             |
|--|-------------------|-------------|-------------|-------------|
|  |                   | J830        | J835        | J840        |
| Hardness   | Shore A           | 30±2        | 35±2        | 40±2        |
| Mix Ratio  | A:B               | 1:1         | 1:1         | 1:1         |
| Color  | /                 | Translucent | Translucent | Translucent |
| Pot life   | 25 °C (77F)       | 20-40mins   | 20-40mins   | 20-40mins   |
| Curing time  | 25 °C (77F)       | 3- 5hrs     | 3- 5hrs     | 3- 5hrs     |
| Viscosity  | mPa.s             | 11000±2000  | 13000±2000  | 15000±2000  |
| Tear-Strength  | kg/cm             | ≥24         | ≥22         | ≥22         |
| Tensile -Strength  | M.pa              | ≥6.8        | ≥6.8        | ≥6.8        |
| Elongation   | %                 | ≥450        | ≥450        | ≥450        |
| Shrinkage  | %                 | ≤0.1        | ≤0.1        | ≤0.1        |

**Packing:**

Part A : 1kg, 5kg, 10kg, 20kg, 25kg, 200kg, Vacuumed Packing in white color

Part B: 1kg, 5kg, 10kg, 20kg, 25kg, 200kg, Vacuumed Packing in sky blue color



**Storage & Shelf Life:**

1Year at least, stored in a cool and dry place under room temperature 25°C

**Operation Method:**

Both Pouring or brushing operation methods for our Jewelry Molding silicone are available. You can chose the best one as your preference, we can provide thixotropic agent for Brushable.



**Caution - Safety First !!!**

1. Read the material safety data sheet(MSDS) before use.
2. Keep Out Of Reach Of Children.
3. Be careful. Use only with adequate ventilation. Contact with skin and eyes may cause irritation. Flush eyes with water for 15mins and seek immediate medical attention. Remove from skin with water-less hand cleaner followed by soap & water.

