

## Candy Molds Silicone

### ***Product Description:***

Candy Molds Silicone is great to make chocolate molds either with simple or intricate patterns. It has FDA Certificate and is excellent for high-detail candy molds and complex design. Also, it is very suitable for making ice trays, molds, baking molds, casting butter, and other applications you can imagine to produce foods.



### ***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, food-grade silicone (environmental, odorless and nontoxic)
- ✧ Delicate design available
- ✧ Mixing ration: 1:1 for easy mixing ration
- ✧ Easy de-molding
- ✧ Excellent tension and tear strength
- ✧ High performance in duplication
- ✧ almost nil shrinkage below 0.1
- ✧ Excellent resistance to weather, temperature, aging, acid & aging-Proofing.
- ✧ High resistance to high temperature and aging(resist -60 to 250°C)

**Model Code:** J820, J825, J840

**Technical Data:**

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

| Typical general characteristics | Inspection Method | Value       |             |             |
|---------------------------------|-------------------|-------------|-------------|-------------|
|                                 |                   | J820        | J825        | J840        |
| Product data (Catalyzed A+B)    |                   |             |             |             |
| <b>Hardness</b>                 | Shore A           | 20±2        | 25±2        | 40±2        |
| <b>Mix Ratio</b>                | A:B               | 1:1         | 1:1         | 1:1         |
| <b>Color</b>                    | /                 | Translucent | Translucent | Translucent |
| <b>Pot life</b>                 | 25 °C (77F)       | 20-40mins   | 20-40mins   | 20-40mins   |
| <b>Curing time</b>              | 25 °C (77F)       | 3- 5hrs     | 3- 5hrs     | 3- 5hrs     |
| <b>Viscosity</b>                | mPa.s             | 6000±2000   | 7000±2000   | 9000±2000   |
| <b>Tear-Strength</b>            | kN/m              | ≥26         | ≥24         | ≥22         |
| <b>Tensile -Strength</b>        | MPa               | ≥6.0        | ≥6.3        | ≥6.8        |
| <b>Elongation</b>               | %                 | ≥500        | ≥500        | ≥400        |
| <b>Shrinkage</b>                | %                 | ≤0.1        | ≤0.1        | ≤0.1        |

**Packing:**

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

**Part B :** 1kg, 5kg, 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:**

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



### **Caution - Safety First !!!**

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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.

