

Tire Molding Silicone- (Addition Cured)

Product Description:

Tire Molding Silicone is great to make tire molds either with simple or intricate patterns.

With the excellent tension and tear strength, flexibly, especially almost nil shrinkage. Molds from this kind Silicone rubber always can help them make a perfect molds and high temperature resistance and durable life.



Appearance:

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

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

ATT: We do any curing time and any color as you requirements



Features:

- ✧ Amazing fluidity and easy to operate
- ✧ Platinum-based, food-grade silicone (environmental, odorless and nontoxic)
- ✧ Delicate design available
- ✧ Mixing ratio: 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: J815, J820, J830, J840

Technical Data:

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

| Typical general characteristics | Inspection Method | Value | | | |
|---------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | J815 | J820 | J830 | J840 |
| Product data (Catalyzed A+B) | | | | | |
| Hardness | Shore A | 15±2 | 20±2 | 30±2 | 40±2 |
| Mix Ratio | A:B | 1:1 | 1:1 | 1:1 | 1:1 |
| Color | / | Translucent /Blue | Translucent /Blue | Translucent /Blue | Translucent /Blue |
| Pot life | 25 °C (77F) | 20-40mins | 20-40mins | 20-40mins | 20-40mins |
| Curing time | 25 °C (77F) | 3- 5hrs | 3- 5hrs | 3- 5hrs | 3- 5hrs |
| Viscosity | mPa.s | 5000±2000 | 6000±2000 | 7000±2000 | 15000±2000 |
| Tear-Strength | kg/cm | ≥20 | ≥26 | ≥24 | ≥22 |
| Tensile -Strength | Mpa | ≥5.5 | ≥6.0 | ≥6.3 | ≥6.8 |
| Elongation | % | ≥500 | ≥500 | ≥500 | ≥400 |
| Shrinkage | % | ≤0.1 | ≤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:

Both Pouring or brushing operation methods for our Tire 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.

