



RTV-2 Liquid Mold Making Silicone Rubber

—ADDITION TYPE

OTT-J830(A&B)

Features

- ✧ almost nil shrinkage
- ✧ Good fluidity, operability and excellent operation.
- ✧ Good resistance to weather, temperature, aging, acid.
- ✧ Excellent tear strength, comfortable duplication times.
- ✧ High chemical resistance to aggressive components of some types of resins
- ✧ Food grade silicone (environmental, odorless and nontoxic)
- ✧ High resistance to high temperature and aging (resist -60 to 200°C)

Application

- ✧ Food mold making, like candy, cake, chocolate, etc.
- ✧ Poly resin crafts, candle crafts, plastic crafts
- ✧ Artificial stone, GRC, concrete products molding, Wax casting
- ✧ Decoration building mold making
- ✧ Lighting & candles crafts, stationery gifts, crafts industry
- ✧ Casting for Statue, Buddha, sculptures, figures etc

Operation Instruction

1. Stir part A 100g and part B 100g with 1:1 mixing ratio evenly. And get the mixture for vacuum-pumping. (If there is no vacuum machine, you can just pour the mixture slowly from the corner so that less bubbles caused)
2. Enclose the product (the original model) with four plastic plates or wooden plates
3. Clean your products and brush a layer of release agent (detergent or soap water) on your product.
4. Pour the mixture with correct mixing ratio into the model frame.

After about 2-4 hours, when the silicone cured, get out the original model, and there you get a finished addition cured silicone mold.

Note: the time for vacuum-pumping should be less than 3-5mins, otherwise, once the silicone rubber has cross-link reaction during vacuum. it will not be operated.



Data Sheet

Base and Curing Agent Mixture (1:1 by weight) in 25 °C (77F) testing

Typical general characteristics	Inspection Method	Value
Product data (Catalyzed A+B)	OTT - J830	
Mix Ratio	A:B	1:1
Color		Translucent
Pot life	25 °C (77F)	30-60mins
Demold time	25 °C (77F)	5- 12h
Hardness	Shore A	30±2
Viscosity	mPa·s	6000±2000
Tear-Strength	KN/m	≥26
Tensile -Strength	MPa	≥7.5
Elongation	%	≥500
Shrinkage	%	<0.1

Packing & Shipping

Packing : 25KG ; 200 KG per drum

Shipping : by air & by sea

Delivery time: within 3-5 days after your payment confirmed in our bank

Storage: Storage in cool, dry places.

Shelf life: 12 months with the original unopened package

About Company

OTT New Material Co., Ltd. located in Guangzhou, Guangdong. We are a leading professional silicone material manufacturer, integrating the R&D, production and sales. Main products are Condensation molding silicon rubber, Addition molding silicone rubber, Addition electronic potting silicone rubber, Condensation electronic potting silicone rubber, leather printing roller silicone rubber, LED strip light silicone rubber, human casting silicone rubber, etc over hundreds kind of silicone rubber and related products. Our customers are from all over the world.

Other details, please feel free to contact us, OTT is here for you all the time.