



RTV-2 Liquid Mold Making Silicone Rubber

—CONDENSATION TYPE

OTT-S820

Features

- ✧ Two part of liquid fluid: liquid white silicone and curing agent.
- ✧ Cure at room-temperature within 4-8 hours, but all performance will act perfectly when it cure within 2 - 4 hours.
- ✧ Good fluidity and excellent operation.
- ✧ Good resistance to weather, temperature, aging, acid.
- ✧ Excellent tear strength, comfortable duplication times.

Application

- ✧ Resin crafts, unsaturated resin crafts
- ✧ Poly resin crafts, candle crafts, plastic crafts
- ✧ Making molds for gypsum,GRC,concrete,
- ✧ Artificial stone products molding,Wax casting
- ✧ Decoration building mold making
- ✧ Lighting & candles crafts,stationery gifts,crafts industry
- ✧ Casting for Statue,Buddha, Christmas ornaments,sculptures, figures etc

Operation Instruction

Mold silicone rubber is a kind of flowing liquid, and it consists of two component, part a is a flow-able liquid silicone rubber, part B is the curing agent.

1. Firstly, after your previous work of dealing with the original model, take some liquid silicone rubber, add 2%~3% curing agent of the amount of silicon and mix them evenly.
2. Then after vacuum-pumping the mixture, you can pour it into the mold frame.
3. The silicone mold will cured in 2~3 hours.

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 (100:3 by weight) in 25 °C (77F) testing

Typical general characteristics	Inspection Method	Value
Product data (Catalyzed A+B)	F-20 plus	
Mix Ratio	A:B	100:3
Color		White
Pot life	25 °C (77F)	40-50mins
Demold time	25 °C (77F)	8-12h
Hardness	Shore A	20±2
Viscosity	mPa·s	12000±2000
Tear-Strength	KN/m	≥24.5
Tensile -Strength	MPa	≥4.0
Elongation	%	≥440
Shrinkage	%	≤0.2

Storage: storage in cool, dry places.

Shelf life: 12 months with the original unopened package

About Company

OTT New Material Co., Ltd. is 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.