

Body Double Silicone

Product Description:

Body Double Silicone is great to make body double products such as reproducing an full body from head to toe, or a torso from face to mid-section for movie special effects making, medical training aids and casting for museums and everything you can image for humans.

With platinum cured which is environmental friendly, odorless and nontoxic. Also, it have soft hardness and excellent tension and tear strength and resilience .



Appearance:

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

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

ATT: We do any curing time as your requirements



Features:

- ✧ Amazing fluidity and easy to operate
- ✧ Platinum-based, Medical-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
- ✧ No shrink on cure
- ✧ Excellent resistance to weather, temperature, aging, acid & aging-Proofing.
- ✧ High resistance to high temperature and aging(resist -60 to 250°C)

Model Code: R205, R210, R215, R220

Technical Data:

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

Typical general characteristics	Inspection Method	Value			
		R205	R210	R215	R220
Product data (Catalyzed A+B)					
Hardness	Shore A	5±2	10±2	15±2	20±2
Mix Ratio	A:B	1:1	1:1	1:1	1:1
Color	/	Translucent	Translucent	Translucent	Translucent
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	3000±1000	4000±1000	5000±1000	5500±1500
Tear-Strength	kN/m	≥13	≥16	≥18	≥26
Tensile -Strength	MPa	≥2.5	≥3.5	≥5.5	≥6.0
Elongation	%	≥450	≥450	≥450	≥500
Shrinkage	%	≤0.1	≤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 Body Double 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.

