

回天 4061 (1:1) RTV structural bonding and sealing silicone rubber is a two-part, white adhesive. It features neutral curing at room temperature and fast deep curing, and it can quickly form adhesive force in a short time. After curing, it can form a high strength flexible rubber body, with excellent elasticity, heat resistance, weather resistance and strength retention rate, additionally it has excellent shock resistance, high and low temperature resistance.

Typical applications

Suitable for sealing aluminum, stainless steel, aluminum frames of solar photovoltaic modules, bonding and sealing of junction boxes and bonding car tire silent cotton etc.

Directions for use

Clean-up: Clean the surface, remove rust, dust, oil, etc., and conduct professional surface treatment if necessary.

Gluing: Open the barrel cover, confirm that the surface of the glue is free of crusts, and immediately install it on the dispensing equipment. According to the operating procedures of the dispensing equipment, apply glue of a certain diameter to the surface to form a continuous line, and complete the work within the operation time without shifting.

Curing: Place the glued components in a ventilated environment to make the glue cured overall.

Storage: Unused part A can be used next time after being placed without affecting its performance. Part B shall be used all at once or stored away from air/moisture.

Cautions

Keep away from children for storage.

If the skin is accidentally exposed to the product, wipe with a cloth and wash with water before it cures;

If the eyes are accidentally exposed to the product, rinse immediately with water, and seek medical attention in severe cases;

It is recommended to use the product in a well-ventilated place;

Please consult the MSDS of the product for safety information

Packing specification

Part A, 275 kg/drum, 25 kg/barrel.

Part B, 275 kg/drum, 25 kg/barrel.

Technical parameters

Items	Unit	Typical value	Range
Physical property indexes before curing			
Part A appearance	--	White half-flowing -	-
Part B appearance	--	White paste	--
Part A viscosity (GB/T10247-2008)	mPa·s	250000	150000~320000
Part B viscosity (GB/T10247-2008, 7#, 6RPM)	mPa·s	350000	200000~600000
Part A density (GB/T13477.2-2002)	g/cm ³	1.47	1.40~1.55
Part B density (GB/T13477.2-2002)	g/cm ³	1.45	1.40~1.55
Mixing characteristic (Mixing mass ratio A:B=1:1, Mixing volume ratio A:B=1:1)			
Appearance	--	White paste	--
Tack-free time (GB/T13477.5-2002)	min	10	6~20
Initial setting time	h	1	≥0.5
Physical property indexes after curing			
A1 shear strength (GB/T7124-2008)	MPa	2.0	≥1.3
Tensile strength (GB/T528-2009)	MPa	2.5	≥2.0
Elongation at break (GB/T528-2009)	%	450	≥250
Hardness shore A (GB/T531.1-2008)	--	48	40~55
Volume resistivity (GB/T1692-2008)	Ω·cm	5.0×10 ¹⁴	≥1×10 ¹⁴
Dielectric strength (GB/T1695-2005)	kV/mm	20	≥18
Working temperature	°C	--	-60~200

Storage condition

Store at 8-28°C in a cool and dry place.

Shelf life is 6 months.

Note:

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