

**JOMP 2103A/B polyurethane adhesive****The Solutions that Create Value! Two-component quick curing adhesive**

Suitable for bonding various materials

characteristic

- Low VOC, in line with ROHS/REACH
- Machine glue can also be mixed manually
- At room temperature, it can be cured quickly in 30 minutes
- Strong adhesion to various substrates
- High toughness, high elasticity
- Excellent aging and chemical resistance

Typical applications

- Aluminum to aluminum bonding of new energy batteries
- The bonding of the substrate to fabrics, felt, decorative panels, PET film and other covering materials
- Sealing and bonding of various metals with plastics, rubber, polyester and other materials

product description

JOMP 2103A/B is a two-component solvent-free room temperature curing adhesive. Low odor, low VOC, compliant with ROHS and REACH regulations. Wide process operability, high physical properties of the finished product, suitable for machine dispensing as well as manual mixing operations; good adhesion and strong bonding strength after curing, excellent flexibility and elasticity, and superior aging resistance and chemical resistance. Suitable for sealing and bonding various materials including metals, plastics, rubbers, and polyesters.

Product parameter table

test item	Units and conditions	criterion of detection	A/ B
surface	$\frac{A}{B}$	visualization	Black viscous fluid
		visualization	Brown viscous fluid
dynamic viscosity	A	GB/T10247-2008	35000~50000
	B	GB/T10247-2008	15000~30000
	A+B	GB/T10247-2008	20000~30000
density	A	GB/T15223-1994	1.20~1.25
	B	GB/T15223-1994	1.20~1.25
	A+B	GB/T15223-1994	1.23~1.28
matching	volume ratio	A: B	1:1
	proportion by weight	A: B	1:0.96
operate time	25°C min	GB/T 6328-86	8~12
initial setting time	25°C min	GB/T 6328-86	15~20
Initial solidification time	25°C min	GB/T 6328-86	30~40

25°C Performance parameters after 7 days of curing

project	Unit or condition	criterion of detection	JOMP 2103
pigment	visualization	visualization	black
hardness	Shore D	GB/T531.1-2008	70
tensile strength	MPa	GB/T 528-2009	≥ 10
elongation	%	GB/T 528-2009	≥ 60
shear strength	MPa,Al-Al	GB/T 6328-86	≥ 10
shear strength	MPa,PET-PET	GB/T 6328-86	≥ 5
thermal conductivity	W/m.K	GB/T10297-1998	0.30
mass resistivity	25°C,Ω·cm	GB/T1692-92	≥ 10 14
insulation strength	25°C,kV/mm	GB/T1695-2005	26
Application temperature	°C	GBT 20028-2005	-40~ 125



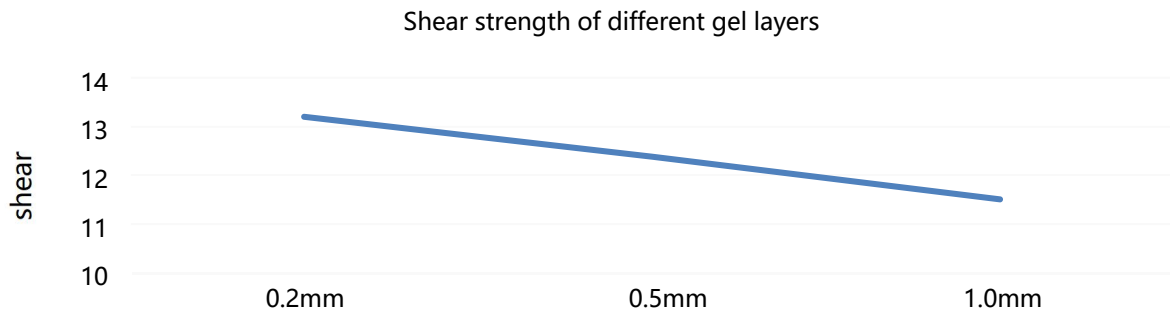
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Shear strength and weathering stability

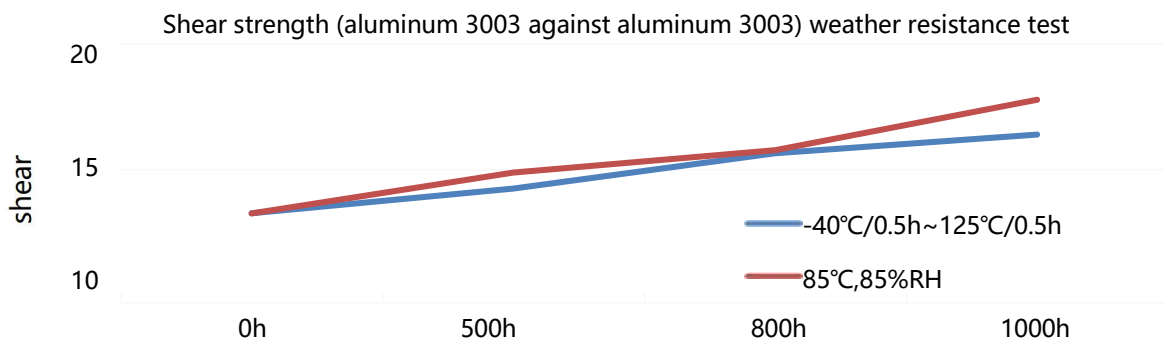
A. Adhesion data under different adhesive layer thickness during bonding



B. Aging data

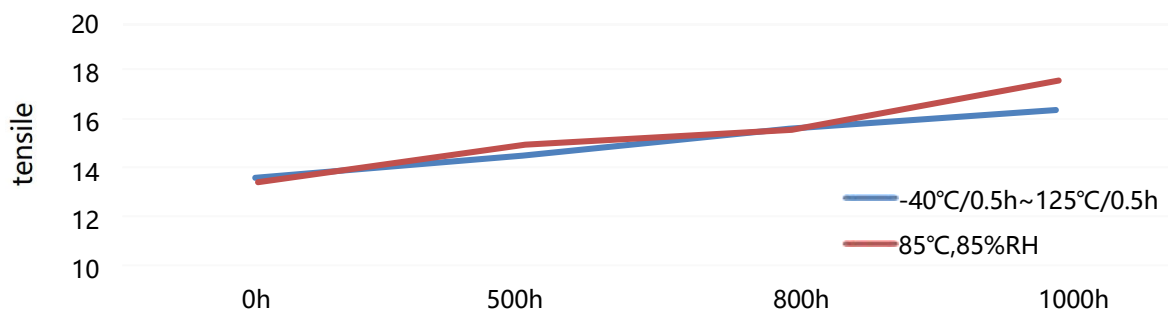
Test target 1: 3003 aluminum sheet bonding test sheet (shear test sheet), adhesive layer thickness 0.2mm;

Aging test items: a, high and low temperature impact-40-125°C high and low temperature impact; b, double 85 constant temperature and humidity



Test target 2: Dumbbell film, the index of physical properties of the object;

Aging test items: a. high and low temperature impact-40-125°C high and low temperature impact; b. double 85 constant temperature and humidity tensile strength weathering test

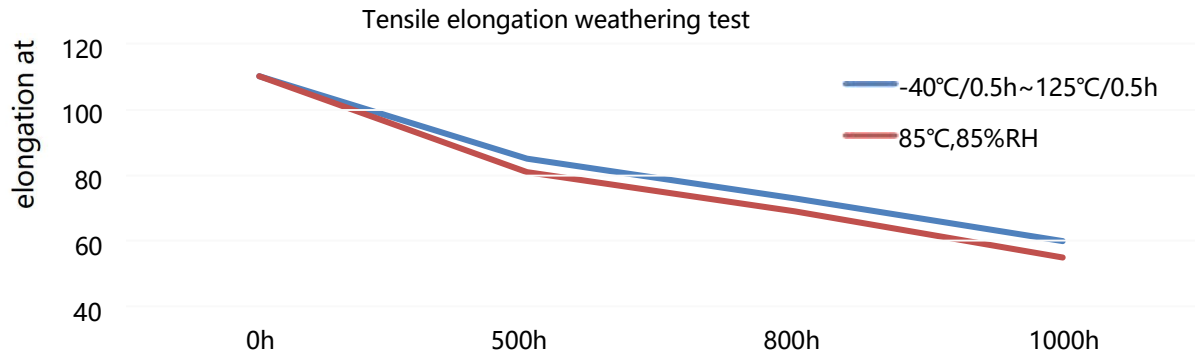




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Process of use

- Twin tube, when used, assemble the static mixer for mixing operation, pay attention to the front end 10 cm to remove the rubber to ensure uniform mixing;
- For barrel products, the pressure plate pump is used to supply the glue and mix it through the metering device;
- Need for a supply system, please consult Jumi Company;

Order packaging

JOMP 2103A/B polyurethane adhesive,

- Twin-pack/400ml/Twin-tube, A200ml B200ml

storage instructions

- Unused raw materials should be stored in well-sealed packaging to avoid moisture intrusion and affect the quality of raw materials.
- Open the material and pay attention to sealing it for safe storage. Use it up as soon as possible.

Bulk 20L/5 gallon drums, A 20kg B20kg This adhesive is not a hazardous material and can be transported as a general chemical

It is recommended to store in a cool area and avoid direct sunlight; storage temperature: 10 -30°C, storage period: 6 months.

Safety operating data

This does not include product safety information. Before use, please read the product information, product safety information and packaging label for safe use. Product safety information can be obtained from Jumei and distributors
Yes, you can also call 021-58599319. Waste disposal should refer to the safety data sheet MSDS or local regulations.

We guarantee that the product performance and usage information contained here are accurate and reliable. However, you should test the performance and safe use before using it. The application advice cannot be regarded as applicable in any state.

Unless Giant provides a written proof suitable for a specific need, Giant only guarantees the specifications listed in the product sales brochure and does not guarantee other uses. Giants sole responsibility is to refund or replace the product if it fails to meet the listed requirements, and Giant expressly disclaims any liability for accidents.