



Polyurethane Automotive Windshield Adhesive

Technical Data Sheet

Ren[®]z
10

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Ren[®]z 10 is one-component moisture curable polyurethane sealant. It has excellent bonding and sealing performance. No corrosion and pollution to substrates, environment friendly, no bubbles during application, smooth and fine appearance etc.

- Excellent softness after curing, easy to cut, convenient for replacement.
- Excellent bonding performance, primer-less.
- Excellent extrudability and thixotropy, non- sag.

Areas of application

Suitable for windshield and side & back window glass bonding.

Technical data^①

Items	Ren[®]z 10	
	Scope	Typical value
Appearance	Black, homogeneous paste	/
Extrudability(ml/min) GB/T 13477.4	≥60	98
Sagging properties(mm) GB/T 13477.6	0	0
Tack free time(min) GB/T 13477.5	10~30	20
Curing speed(mm/d)HG/T 4363	≥3.0	3.5
Non-volatile contents (%)GB/T 2793	≥95	96
Shore A-hardness GB/T 531.1	55~65	60
Tensile strength(MPa) GB/T 528	≥4.5	5.2
Elongation at break(%) GB/T 528	≥400	450
Tear strength(N/mm) GB/T 529	≥8.0	9.4
Tensile-shear strength(MPa)GB/T 7124	≥2.5	3.0
Operating temperature(°C)	-40~90	

① All data above were tested under standardized condition at 23±2°C、50±5%RH.

Direction for use

- Remove dust, oil and water from the surface of substrates.
- Application environment temperature 5~35°C, humidity 50~70%RH. When the temperature below 5°C, recommended place products in the environment of 30~40°C for 1H (No more than 3H).
- For Construction method, please refer to PUSTAR construction description or consult technical personnel.
- Part of the available nodes modification can use scraper or rigid foam, detailing modification can use available soap and water level.
- Activator and primer are not required.

Cautions

- Keep away from children.
- Avoid contacting with skin and eye. For skin contacted, remove the sealant by cloth, wash skin thoroughly with soap and water. For eye contacted, hold eyelids apart and flush thoroughly with water, contact physician.

Packing specification

- Cartridge 310ml
- Sausage 400ml
- Sausage 600ml
- Pail 240kg

Transport and storage

- Transport: Keep away the sealed product from moisture, the sun, high temperature and avoid collisions.
- Storage: Keep sealed into cool, dry place.
- Storage temperature: 5~25°C. Humidity: ≤50%RH.
- Cartridge and Sausage 9 month, Pail 6 month.

Special Notes: All recommendations concerning our products, including transportation, storage, and handing are based on our current knowledge and experience under normal conditions. In practical application, results may differ because of materials and actual site conditions change, our company do any guarantee and bear any legal responsibility. In order to ensure the bonding effect and the compatibility of products and materials, it is recommended to do the compatibility test or consult our company's Technical Services before proceeding with the full application.



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