

TECHNICAL DATA SHEET
(SA5500 ACETIC SILICONE SEALANT)
Features:

- Mono-component, acetic curing, fast curing speed, low modulus, high displacement performance, excellent adhesion.
- Excellent weather resistant performance and excellent ageing resistant performance..
- Excellent compatibility with most of building materials.

Purpose:

- Perimeter glazing for windows, doors and glass;
- Sealing for aluminum plate, glass window;
- And other building and industrial usages.

Typical Technology Data:

Test Item	GB/T 14683-2003	Actual Test Value	Test Method	Test Item	GB/T 14683-2003	Actual Test Value	Test Method
Density (g/cm ³)	1.02	±0.02	GB/T 13477	Tensile Strength in adhesion (Mpa)	/	0.62	GB/T 13477
Tack-Free Time (min)	≤ 180min	6 min		Elastic recovery (%)	≥ 80	95.5	
Curing Speed (mm/24h)	/	19h		Elongation at break (%)	/	190	
Sagging degree (N type) (mm)	≤ 3	0		Consistency	/	9.4	
Extrusion Performance ml/min	≥ 80	250		Loss of Weight (%)	/	10%	ASTMC 792
Hardness (Hs A)	/	24	GB/T 531				
Shelf Life	12 months after production date by storing in cool and dry place where the temperature between -20℃~30℃						

Color and Package:

- Color : transparent, aluminum, black, white , brown and other colors as customer's request.
- Packing: Can be available in 250ml, 280ml or 300ml cartridge according to your requirement.

Application Standard:

- GB/T 21683-2001 Silicone building sealant.
- ISO9001 International quality system certification.

Cautions

- Don't use for the alkaline materials such as marble, granite etc;
- Don't use for the hide and semi-hide curtain wall and installation of coated glass by metal;
- Unsuitable for the grease, plasticizer or solvent surfaces
- Unsuitable for the bad-ventilated places because silicone sealant is easily cured after absorbing the moisture in the air;
- Unsuitable for frost or humid places
- Don't use it if the temperature of the surface is below 4℃ or above 50℃.