

# AJUSHI *Silicone Sealant*

## TECHNICAL DATA SHEET

### Definition \_\_\_\_\_

Sealant-forming together based silicone elastomer neutral, low odor, crosslinking temperature.

### Properties \_\_\_\_\_

- One component, does not lack premix.
- Excellence adhesion.
- Cures at room temperature.
- Excellent temperature resistance.
- Good resistance to weathering. No endurance nor cracks.
- Excellent resistance oils in the sealed rigid joints.

### Indications \_\_\_\_\_

Surfaces must be clean and dry. If necessary and a mechanical treatment should perform cleaning with an oil-solvent such as acetone. For joints that must be highly stressed, or with low adhesion to the substrate.

### Technical characteristics \_\_\_\_\_

|   |                          |
|---|--------------------------|
| Appearance                                  | Homogeneous creamy paste |
| Lift (ISO 7390)                             | < 5 mm                   |
| Training skin at 230/50% RH (ASTM C-679-71) | 25-35 minutes            |
| Curing speed at 23°C y 55% H.R              | 3mm / 24 hours           |
| Application temperature                     | +5 a +50 °C              |
| Appearance                                  | Similar to rubber        |
| Shore A hardness (ISO 868)                  | Approx. 60               |
| Elastic Modulus 100% (ISO 37)               | Approx. 1.8 MPa          |
| Tensile strength (ISO 37)                   | Approx. 2.5 MPa          |
| Elongation at break (ISO 37)                | Approx. 260 %            |
| Resistance temperature operating            | -50 to +270 °C           |
| Occasional temperature resistance           | +300 °C                  |

### Applications \_\_\_\_\_

- Union and replaced seals of cork, cardboard, fiber, etc.
- Sealing joints in high temperature conditions.
- Bonding and sealing of panels, oven doors, flues, etc.
- Sealing of oil pans and water pumps.
- Excellent resistance to oils in sealing rigid joints.

### Chemical resistance \_\_\_\_\_

Good water, antifreeze, diluted inorganic alkalis, oils and diesel and other hydrocarbons.

### Cleaning \_\_\_\_\_

The product with an organic solvent. Once cured only mechanically removed.

### Storage \_\_\_\_\_

Store in a cool, dry place.  
Duration: At least 2 years.