

THIXOSIL Brushable Grade Mould-making rubber

Thixosil is a brushable mould-making RTV2 silicone designed as a 10:1 cure system offering high strength, accurate reproduction and long library life. As a pre-thickened silicone, Thixosil is ideal for backup over pourable grade silicone rubber such as SRT-30 or SRT-35.

TYPICAL APPLICATIONS

- Multi-purpose moulding

TYPICAL PROPERTIES - AS SUPPLIED

Part A - Base Component

- Color White
- Viscosity, cP. (mPa.s) 675,000

Part B - Catalyst Component

- Color Blue
- Viscosity, cP. (mPa.s) 80

TYPICAL PROPERTIES OF CURED RUBBER

Cured 72 hours at 24°C (75°F) and 50% RH

- Color Blue
- Specific Gravity 1.11
- Hardness (Shore A) ASTM D2240 30
- Tensile Strength, psi (N/mm²) ASTM D412 600 (4.1)
- Elongation (%) ASTM D412 375
- Tear Resistance, ppi (N/mm) ASTM D624, Die B 110 (19.2)
- Temperature Range, °C (°F) -50 to 150 (-58 to 302)

TYPICAL CATALYZED PROPERTIES

Mixed at 24°C (75°F) and 50% R.H.

- Mix Ratio,A:B(Parts by weight) 10:1
- Pot Life, 20-30 minutes
- Demold Time, 6-12hrs

SHELF LIFE

Six (6) months from date of shipment when stored at 24°C (75°F) in original unopened containers.

