

EUROSIL 60 BLUE

Technical Data Sheet

1. DESCRIPTION AND MAIN FEATURES

Eurosil 60 is a two-component addition cured RTV silicone rubber which vulcanizes at room temperature. Compatible with all plasters, coatings, polyurethane resins and acrylic resins and have a good mechanical resistance against, Epoxy, PU resins and foams.

The eurosil 60 has a maxing ratio of 10 A:1B (100 grams catalys + 10 grams of base, please keep the mixing ratio to respect the final characteristics). Please cast the silicone mix with a pouring from 30 cm height into the mold. We recommended vacuum mixing as work time below.

2. MAIN APPLICATION SECTORS

- Mouldmaking and model-making.
- Use for production application and manufacturing lines.
- Foundry.
- Production hard rubber products

Due to its considerable precision in reproduction, high mechanical resistance, high dimensional stability and high mechanical resistance. and the excellent laser cutting characteristic.

3. PROPERTIES

- High chemical resistance to the aggressive components of some types of resin.
- High resistance to laceration (this characteristic guarantees high resistance to wear and tear).
- High level of accuracy in reproducing very small particulars.
- High dimensional stability over time and non-deformability.
- Considerable resistance to high temperatures and to ageing.
- Excellent non-stick effect.

4. CHEMICAL AND PHYSICAL CHARACTERISTICS

	Metric system	USA system
Mixing ratio	10 : 1	-
Viscosity of the mix pre-catalisation	100.000 cP	-
Density at 23°C	1.24 g/cm ³	77,4 l lb/feet ³ -
Working time at 23 °C (73 °F)	60'	-
Setting time at 23 °C (73 °F)	24 h	-
Hardness Shore-A after 24 hours	60 ± 3 ShA	-
Tensile strength	5.0 N/mm ²	581 ± 29 psi
Elongation at break	200%	-
Tear resistance (Die B)	10 ± 1 N/mm	57 ± 6 ppi

The preparation is not considered dangerous according to Directive 67/548/EEC and subsequent amendments.

5. CONSERVATION

Eurosil 60 is guaranteed for a period of 18 months if correctly conserved between 5° - 27°C (41° - 80°F). Close the bottles after use, do not invert the caps or the lids between base and catalys.

6. IMPORTANT OBSERVATIONS

The advice given verbally, in writing or through demonstration on how to use the product is based on our knowledge. The use and application by the user occurs without the Company having the possibility to check and therefore remain the responsibility of the user.

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