

QUICKSIL – Fast Set Silicone

TECHNICAL DATA SHEET

Product Description

It is used for all moulds in the areas of industrial, handicrafts, and hobbies. Due to the medium hardness, QUICKSIL – Fast Set Silicone is suited for flaskless duplication in dental technology. If to be used in direct contact with skin, please conduct a small test on your hand/arm to ensure there are no reactions before going ahead.

Applications:

Industrial moulding and hobby moulding.
 Dental (Flask duplicating and flaskless duplication)

Physical Properties

Properties Uncured

Property	Condition	Part A	Part B	Method
Viscosity dynamic		4500 mPas	4500 mPas	Brookfield
Density	23°C	1,12 g/cm ³	1,12 g/cm ³	ISO 2811
Colour		Aqua	Translucent	

Handling Properties

Property	Value	Method
Demoldable after	30 minutes	
Pot life (60000 mpAs)	5-7 minutes	
Mixing ratio (by weight and volume)	1:1	A:B
Colour	Aqua	

Properties Cured

After 24h at 23°C

Property	Value	Method
Elongation at break	500%	ISO 37
Tensile strength	5,2 N/mm ²	ISO 37
Shore A hardness	20	ISO 868
Tear strength	24,0 N/mm	ASTM D 624 B

Components A and B mixing ratio 1:1.

Important note: The platinum catalyst is contained in Component A.

Caution: A and B components may only be used together if they have the same batch number.

Storage

The 'Use by' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case, however, the properties required for the intended use must be checked for quality assurance reasons.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request to sales@amcsupplies.com.au