

Barnes

moulding & casting supplies

BARNES PRODUCTS P/L
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MAXIMOULD™

FAST CURE MOULDMAKING SYSTEM

RTV SILICONE RUBBER

PRODUCT DESCRIPTION

MAXIMOULD is a high performance, two component, tin catalysed RTV silicone rubber. It is designed as a 37 Shore A, medium viscosity rubber providing excellent physical properties. Maximould displays good dimensional stability, low linear shrinkage and features a coloured catalyst to ensure thorough mixing. It is the product of choice for larger moulds where a higher degree of self-support is required.

TYPICAL PRODUCT USES

Multi-Purpose Mouldmaking
Polyester, Polyurethane & Plaster Casting
Large Rock & Garden Art Moulds

TYPICAL CATALYSED PROPERTIES

Mixed @ 24°C and 50% RH.

Mix Ratio A:B (by weight):	100:10
Mixed Viscosity (cps):	50,000
Work Time:	20 minutes
Potlife/Geltime:	30 minutes
Cure/Demould Time:	6-12 hours

TYPICAL CURED PROPERTIES

Cured 7 days @ 24°C and 50%RH

Colour:	Blue
Specific Gravity:	1.12
Hardness (Shore A):	37
Tensile Strength (psi):	625
Elongation (%):	250
Tear Resistance (ppi):	40
Linear Shrinkage (%):	24 hours 0.26
	7 days 0.33
Temperature Range:	-50°C to 150°C

We offer a Green coloured catalyst for applications requiring a longer work time. These figures are those that will differ, please consult your Barnes Rep for further information.

Colour:	Green
Work Time:	45 minutes
Demould Time:	24 hours
Hardness (Shore A):	30
Tensile Strength (psi):	800
Elongation (%):	400
Tear Resistance (ppi):	60

Revision No: 1

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TECHNICAL DATA BULLETIN

The data presented in this leaflet are in accordance with the present state of our knowledge, and does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the product for a particular purpose.

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