

Budget 25

FAST SET GENERAL PURPOSE MOULDING RUBBER

RTV-2 SILICONE RUBBER

PRODUCT DESCRIPTION

Budget 25 is a fast setting two-component silicone elastomer that cures at room temperature by a polycondensation reaction. It is designed as a 25 Shore A rubber providing good physical properties. The user also has the capability of varying the catalyst rate for differing potlife and demould times. Budget 25 has good flowability and self-deaeration properties. The cured product also displays excellent long term stability of the mechanical properties.

TYPICAL PRODUCT USES

Mouldmaking

Moulds requiring a budget price with good physical properties

TYPICAL CATALYSED PROPERTIES

Mixed @ 23°C and 50% RH.

Mixed Viscosity mPa s: 20 000

Mix Ratio:	100:3 (3%)	100:4 (4%)
Potlife Life:	20-30 minutes	10-20 minutes
Cure/Demould Time:	6 hours	4 hours

- Note that condensation cure systems are greatly affected by humidity increases above 50%, they will be accelerated in their curing.
- The potlife is the period of time at 23°C / 50% relative humidity during which the catalyzed mix took to attain a viscosity of 100 000 mPa s and still be just pourable.

TYPICAL CURED PROPERTIES

Colour:	White
Specific Gravity:	1.20
Hardness (Shore A):	25
Tensile Strength (N/mm ²):	3.0
Elongation (%):	300
Tear Strength (N/mm):	5
Linear Shrinkage (%):	0.6

Issue: 2

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The data presented in this bulletin 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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