

SRT-30 RTV2 Silicone Moulding Rubber

SRT-30 is a high performance condensation cure mould making RTV2 silicone rubber with outstanding tensile and tear strength, elongation and release properties.

It is highly durable in regards to polyester and rigid or flexible polyurethane casting materials. SRT-30 is particularly suitable for moulding detailed parts or objects with undercuts.

It demonstrates very good dimensional stability and low linear shrinkage.

By varying the catalyst ratio, this RTV2 rubber provides flexibility in pot life and cured hardness.

Reduced catalyst will result in slower cure and a slightly softer rubber when fully cured.

Typical properties

Colour:	White / Clear Catalyst (Blue catalyst optional)
Mix Ratio:	5% Catalyst by weight. 3%-5% will increase pot life
Viscosity:	38,000 cps when mixed
Hardness:	Full Cure 32 Shore A ± 2 points
Pot Life:	30-45min
Demould Time:	24 hrs @ 25°C
Application Temp:	Optimum @ 20°C - 25°C
Tensile Strength	3.8MPa
Elongation	>360%
Tear strength	≥ 28 KN/m
Shelf life:	9 months from Date of Manufacture
Specific Gravity:	1.10 g/cc





Dalchem SRT30 RTV2 mouldmaking silicone.

For best results we recommend the use of a vacuum chamber to remove air bubbles in the mixed silicone.

Allow the mix to completely expand then collapse. After a further 1 to 2 minutes under vacuum the silicone should be free of bubbles.

Always use a large mixing vessel which will provide adequate volume for the mix to expand 5 + times its volume during the vacuuming process.

Please contact your Dalchem representative for specialist application advice.

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