

SRT-35 RTV2 Silicone Moulding Rubber

SRT-35 is a firmer grade, condensation cure mould making RTV2 silicone rubber, when a mould with higher dimensional stability is required.

It is highly durable to most common casting resins, including polyurethane, epoxy and polyester. SRT-35 is particularly suitable for open face moulds with detailed parts but with fewer undercuts.

It demonstrates very good dimensional stability and low linear shrinkage.

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

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:	39,000 cps when mixed
Hardness:	Full Cure 35 Shore A ± 2 points
Pot Life:	30-40min
Demould Time:	24 hrs @ 25°C
Application Temp:	Optimum @ 20°C - 25°C
Tensile Strength	3.8MPa
Elongation	>300%





Tear strength ≥ 28 KN/m

Shelf life: 9 months from Date of Manufacture

Specific Gravity: 1.10 g/cc

Dalchem SRT35 RTV2 mould making 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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