

Silastomer P42 Addition Cure RTV2 Silicone Rubber

Silastomer P42 is a semi-transparent, high strength, two component, addition cure, RTV silicone rubber. The cured material provides superior tensile strength, high tear strength and good elongation. With long library life, minimal shrinkage and accurate reproduction of fine detail Silastomer P42 is formulated for product prototyping. With a low viscosity and easy mix ratio of equal parts by weight, Silastomer P42 is a versatile product to use. Silastomer P42 is ideal for mould making as it has good transparency and outstanding resistance to casting resins, particularly epoxies and polyurethanes.

Typical properties:

Colour:	Semi-Transparent
Specific Gravity:	1.13 gm/cc
Hardness:	Fully cured 40-42 Shore A
Pot Life:	30-40 minutes @ 25°C
Demould Time:	3-6 hrs @ 25°C
Application:	Optimum @ 25°C
Mix Ratio:	100:100 parts by weight
Viscosity:	10,000 mPa.s
Tensile Strength	>75 kgf/cm ²
Elongation	>350%
Tear strength	>7.5 kgf/cm ²
Shrinkage	≥ 0.1%

Typical Applications: Rapid prototyping, Electrical encapsulation and mouldmaking.

