

Technical Data Sheet

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Silastomer P40 Transparent Silicone

Silastomer P40 is a Transparent, high strength, two component, Platinum catalysed, room temperature cure silicone rubber. Cures to a 40 Shore A rubber. The cured material provides superior tensile strength with high tear strength and elongation characteristics. The long library life and accurate reproduction detail makes this the perfect product for Prototyping.

P40 is ideal for Mould Making with its good transparency and outstanding resistance to casting resins, particularly Epoxies and Polyurethanes.

Typical properties

| Colour: | Transparent |
|----------------------|------------------------------------|
| | |
| Specific Gravity: | 1.1 gm/cc |
| | |
| Hardness: | 40 Shore A |
| | |
| Pot Life: | 90 min @ 25°c |
| | |
| Demould Time: | 12 - 24 hrs @ 25°c |
| | |
| Application: | Optimum @ 25°c |
| | |
| Mix Ratio: | 100:10 by weight |
| | |
| Shelf life: | 12 months from Date of Manufacture |
| | |
| Tensile Strength | 5.5 N/mm2 |
| | |
| Elongation | 400% |
| | |
| Tear strength | >25 N/mm2 |



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Typical Applications

- Rapid Prototyping
- Electrical Applications /Encapsulation
- Mould Making

Packaging

1.1 Kg Kit, 5.5Kg Kit, 22Kg Kit

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