

## 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

<b>Colour:</b>	Transparent
<b>Specific Gravity:</b>	1.1 gm/cc
<b>Hardness:</b>	40 Shore A
<b>Pot Life:</b>	90 min @ 25°C
<b>Demould Time:</b>	12 - 24 hrs @ 25°C
<b>Application:</b>	Optimum @ 25°C
<b>Mix Ratio:</b>	100:10 by weight
<b>Shelf life:</b>	12 months from Date of Manufacture
<b>Tensile Strength</b>	5.5 N/mm <sup>2</sup>
<b>Elongation</b>	400%
<b>Tear strength</b>	>25 N/mm <sup>2</sup>





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Page 2/2

### Typical Applications

- Rapid Prototyping
- Electrical Applications /Encapsulation
- Mould Making

### Packaging

1.1 Kg Kit, 5.5Kg Kit, 22Kg Kit