

Dalchem – Silastomer P12

Silastomer P12 is a translucent, high strength, two-component, platinum catalysed, room temperature cure silicone rubber. It is formulated as a 12 Shore A, medium viscosity material providing excellent cured rubber properties, long library life, and accurate detail reproduction.

Silastomer P12 may be easily pigmented which makes it ideal for robotic or animatronic skins, prosthetics and props for theme parks and the film industry.

Typical properties

| | |
|--------------------------|------------------------------------|
| Colour: | Clear/Transparent |
| Specific Gravity: | 1.07 gm/cc |
| Hardness: | 12 Shore A |
| Viscosity: | 25,000 cps |
| Pot Life: | 90 min |
| Demould Time: | 12 - 24 hrs @ 25°C |
| Application: | Optimum @ 25°C |
| Mix Ratio: | 100:10 by wgt |
| Shelf life: | 12 months from Date of Manufacture |
| Tensile Strength | 250 Psi |
| Elongation | 600% |
| Tear strength | 25 N/mm ² |





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Typical Applications

- Skins for robotic and animatronic figures for both indoor and outdoor applications
- Special effect skins and props for the film industry
- Theme park props and reproduction moulds
- Prosthetics

THE INFORMATION AND DATA CONTAINED HEREIN ARE BASED ON INFORMATION WE BELIEVE RELIABLE. EACH USER OF THE MATERIAL SHOULD THOROUGHLY TEST ANY APPLICATION AND INDEPENDENTLY CONCLUDE SATISFACTORY PERFORMANCE BEFORE COMMERCIALISING. SUGGESTIONS OF USES SHOULD NOT BE TAKEN AS INDUCEMENTS TO INFRINGE ON ANY PARTICULAR PATENT.
