



DESCRIPTION

Silicone rubber, specially designed for the jewellery industry and the lost wax technique.

CHARACTERISTICS

Brand	Colour	Hardness	Vulcanisation Temp.	Shrinkage	Properties	Presentation
Basic	Violet	Medium	90°C / 180°C	1,7% / 2,8%	Silicone with very high mechanical properties, for hard de-moulding pieces and high undercut molud making.	Sheets 300x300x7mm 17 Kg box. aprox.
ECO	Deep green	Medium/High	90°C / 180°C	1,0% / 2,5%	Silicone with good mechanical properties and competitive price. Lower shrinkage, specially the 90°C version.	Sheets 300x300x7mm 17 Kg box. aprox.



MAIN POINTS

Silicone rubber can be moulded manually with ease. The special formulation grants the silicone ease of cutting too. The reproducibility of the original has a high surface quality, so the brighter the original, the better the wax copy. The silicone allows easy demoulding whether the mould is one piece or if it's multiple. The mechanical properties of silicone are generally better at a higher vulcanisation temperature, so if we are able to oversize the original is better to work with the 180°C version. If you can't oversize or originals are of a material that will not bear temperature (3D printing resins) 90°C version must be used.

MOULD MAKING

Silicone rubber can be manipulated as much as you like, but the following precautions must be taken:

- Hands should be clean and free of grease or dust. Latex gloves recommended.
- We must eliminate air bubbles that may remain inside, that's why the presentation is in thin sheet, so you can clearly notice.

Silicone rubber tends to liquefy on a flame, therefore either moulds raw or vulcanised should NOT be exposed to direct flame.

TOXICITY

Once vulcanised, silicone is a safe product but the vulcanisation process should be done in a ventilated area.