

Silicone Rubber

A silicone rubber material offering excellent durability and temperature resistance.



Description:

A Silicone rubber material combining silicone and acrylics to give a material with properties similar to 'pure' Silicone. This versatile translucent off-white material is ideal for prototyping and selected end use applications. The material jetting 3D Printing technology reproduces fine details and thin walls.

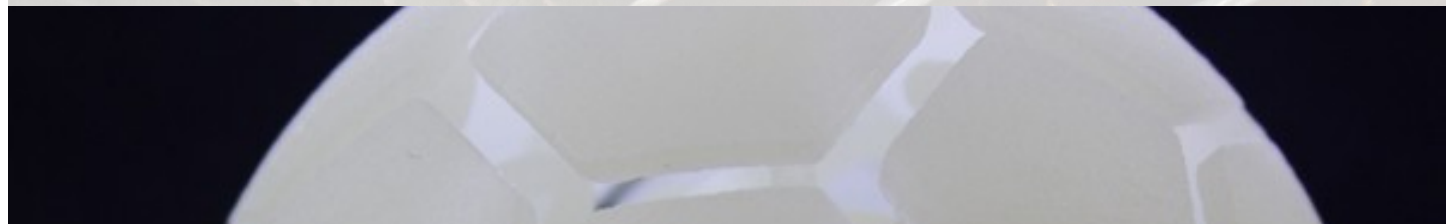
Available in 2 versions: SRA35 and SRA65

Why Choose:

- Two hardness options: Shore A 35 and Shore A 65.
- Thin walls to 0.3mm (A65)
- Temperature Resistance 200°C (A65)
- Fine 30um layer print technology with water soluble support.

Applications:

- Functional Prototypes
- High temperature flexible materials.
- Seals and gaskets
- Automotive
- Healthcare and orthopaedic products.



General Properties	Value (XY Axis)	Test Method
Part Density	1.03 g/cm ³	ASTM D792
Tensile Strength (SRA65)	2 to 2.5 MPa	ASTM D412
Temperature Resistance (SRA65)	200 °C	ISO 75B
Water Absorption	<0.4	ASTM D412
Elongation at break	160%	ASTM D412
Flexural Modulus	68 MPa	ISO 178
Build Volume	297 x 210 x 200	mm. x, y, z

This data sheet contains approximate values. These values are influenced by part's geometry, additives, and environmental influences. They were developed based on current experiences and knowledge. Therefore, the above mentioned properties cannot be claimed legally binding nor can a definite purpose be derived.

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