

**COMPOUND MATERIAL DATA SHEET****GENERAL OVERVIEW:**

This material is specially designed as a metal detectable grade of silicone rubber, with an excellent all-round blend of physical properties.

**FEATURES:**

- Colour: Blue
- Good mechanical properties
- Excellent resistance to UV ageing

**PROPERTIES:**

PARAMETER	TEST METHOD	TYPICAL VALUE
Temperature Range		-55°C to +200°C
Specific Gravity	ISO 1183-1 A	1.26g/mm <sup>3</sup>
Hardness Shore A	DIN 53505	45°
Tensile Strength	DIN 533504 S 1	9.2N/mm <sup>2</sup>
Elongation at Break	DIN 533504 S 1	500%
Tear Strength	ASTM D 624 B	21N/mm

**NOTES:**

All raw materials are approved for food contact use in FDA regulation FDA 21 CFR 177.2600 "Rubber articles intended for repeated use". The manufacturer of the finished component is responsible for complying with the regulations. The finished components should be post-cured for 4 hours at 200°C.

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