

VCL75

Electro-conductive Silicone Rubber Compound

Material

VCL75 is an electro-conductive, platinum cured silicone rubber compound. This compound has low volume resistivity after high temperature exposure.

Available Grades

VCL75

Applications

- Electro-conductive parts
- Rubber contacts
- EMI shielding
- Heating elements

Mechanical Properties

Property	Value
Appearance	Black
Williams Plasticity	650
TC-8 curing agent eight parts⁴	3.0
Linear Shrinkage (%)	4.2
Volume Resistivity ¹ ($\Omega \cdot \text{cm}$)	2
Density at 23°C (g/cm^3)	1.21
Hardness (Shore A)	75
Tensile Strength (MPa)	7.2
Elongation at Break (%)	180
Tear Strength² (N/mm)	20
Compression Set³ (%)	19

These figures are only intended as a guide and should not be used in preparing specifications.

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