

60° Silicone Rubber Cord

Silicone Rubber cord can be used within a temperature range of - 55°C to + 210°C. The addition of heat stabilizers at service temperatures of more than 180°C is recommended.

Technical Data

Property	Condition	Curing Agent E	Curing Agent C1	Method
Appearance	-	Transparent	Transparent	-
Hardness Shore A	-	61	62	DIN ISO 48-4
Density	-	1.15 g/cm ³	1.15 g/cm ³	DIN EN ISO 1183-1 A
Tensile Strength	-	11.0 N/mm ²	11.0 N/mm ²	ISO 37 type 1
Elongation at Break	-	440%	530%	ISO 37 type 1
Tear Strength	-	24 N/mm	26 N/mm	ASTM D 624 B
Compression Set	22 h / 175°C	31%	16%	DIN ISO 815-1 type B Method A
Rebound Resilience	-	59%	56%	ISO 4662

Cure Conditions

1.5% Crosslinker E, 50% paste of bis-(2,4-dichlorobenzoyl)-peroxide in silicone fluid, 10 min / 135°C in press, 4 h / 200°C

0.7% Cross Linker C1 (dicumyl peroxide (98%); 15 min / 165°C in press, 4 h at 200°C.

Applications

- Cables for Household Appliances
- Calendered Sheets
- Dairy & Food Applications
- E-Mobility Cables for EV/HEV
- Exhaust-Pipe Suspensions
- General Automotive Parts
- Ignition & Battery Cables
- Measurement & Control Cables
- Moulded Parts
- Profiles & Tubings
- Sanitary
- Spark-Plug Boots
- Vibration Damping

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