

Data Sheet: S60T (Extruded Cord)

MATERIAL: SILICONE 60 SHORE FOR EXTRUDED CORD (FDA COMPLIANT TO CFR 21 177-2600)

COLOUR: TRANSPARENT

GENERAL SERVICE TEMPERATURE RANGE: -55°C to 225°C

PHYSICAL PROPERTIES	TEST METHOD	TEST RESULT
DENSITY @ 20°C, G/CM ³	1.15	ISO1183-1 A

CURING AGENT E

CURE: 10 MIN @ 135°C

POST CURE 4 hrs @ 200°C

HARDNESS SHORE A	60	DIN53505
TENSILE STRENGTH, n/mm ²	11	DIN53504 S 1 /ISO37
ELONGATION AT BREAK %	440	DIN53504 S 1
TEAR STRENGTH n/mm	24	ASTM D624B
REBOUND RESILIENCE %	57	DIN53512
COMPRESSION SET 22 hrs @ 175°C %	31	ISO815-B

CURING AGENT C1

CURE: 15 MIN @ 165°C

POST CURE 4 hrs @ 200°C

HARDNESS SHORE A	62	DIN53505
TENSILE STRENGTH, n/mm ²	11	DIN53504 S 1 /ISO37
ELONGATION AT BREAK %	530	DIN53504 S 1
TEAR STRENGTH n/mm	26	ASTM D624B
REBOUND RESILIENCE %	56	DIN53512
COMPRESSION SET, 22 hrs @ 175°C %	16	DIN ISO815-B

The above test results are based on test slabs / buttons. The results from the actual parts may be different.

Issue Date: 03.12.2013