

Data Sheet: S70T (Extruded Cord)

MATERIAL: SILICONE 70 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	ISO1183-1 A	1.18

1.5% CURING AGENT E

10 MINS @ 135°C POST CURE 4 hrs @ 200°C

HARDNESS SHORE A	DIN53505	70
TENSILE STRENGTH, N/mm ²	DIN53504 S 1	11
ELONGATION AT BREAK %	DIN53504 S 1	440
TEAR STRENGTH N/mm	ASTM D624B	26
REBOUND RESILIENCE %	DIN53512	53

COMPRESSION SET, METHOD B

22hrs @ 175°C %	DIN ISO815-B	40
-----------------	--------------	----

0.7% CURING AGENT C1

15 MINS @ 155°C POST CURE 4 hrs @ 200°C

HARDNESS SHORE A	DIN53505	71
TENSILE STRENGTH, N/mm ²	DIN53504 S 1	11
ELONGATION AT BREAK %	DIN53504 S 1	530
TEAR STRENGTH N/mm	ASTM D624B	31
REBOUND RESILIENCE %	DIN53512	51

COMPRESSION SET, METHOD B

22 hrs @ 175°C %	DIN ISO815-B	22
------------------	--------------	----

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

Issue Date: 21.02.2013