

# Data Sheet: S60W (Extruded Cord)

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

COLOUR: WHITE

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

PHYSICAL PROPERTIES	TEST METHOD	TEST RESULT
DENSITY @ 20°C, g/cm <sup>3</sup>	ISO1183-1A	1.15

### CURING AGENT E

CURE: 10 min. @ 135°C

POST CURE 4 hrs @ 200°C

HARDNESS SHORE A	DIN53505	61
TENSILE STRENGTH, n/mm <sup>2</sup>	DIN53504 S 1 /ISO37	11
ELONGATION AT BREAK %	DIN53504 S 1	440
TEAR STRENGTH n/mm	ASTM D624B	24
REBOUND RESILIENCE %	DIN53512	57
COMPRESSION SET, 22 hrs @ 175°C %	ISO815-B	31

### CURING AGENT C1

CURE: 15 min. @ 165°C

POST CURE 4 hrs @ 200°C

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

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

Issue Date: 03.12.2013