

Data Sheet: S70T FDA USP Class VI

MATERIAL: SILICONE 70 SHORE FDA USP CLASS VI

COLOUR: TRANSLUCENT

GENERAL SERVICE TEMPERATURE RANGE: -55°C to +180°C

SPECIFICATION: FDA.3A EN 1993.BPA FREE.ADI FREE – USP CLASS VI 121°C

PHYSICAL PROPERTIES

TEST METHOD TEST RESULT

HARDNESS SHORE A AFTER 30S, POINTS	NFT 46-052	70
TENSILE STRENGTH, MPa	NFT 46-002	11
ULTIMATE ELONGATION, %	NFT 46-002	520
MODULUS 25%, MPa		1,62
MODULUS 50% MPa		1,76
MODULUS 100% MPa		1,98
MODULUS 200% MPa		2,65
MODULUS 300% MPa		3,86
TEAR RESISTANCE CUT, DaN/cm	NFT 46-007C	31
DENSITY	NFT 46-030	1,18

COMPRESSION SET

22 hrs @175°C, %	20
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The above test results are based on test slabs / buttons. The results from the actual parts may be different.



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