

Data Sheet: S70PLT

MATERIAL: SILICONE 70 SHORE PLATINUM CURED

This material has been developed to support use of this silicone rubber in pharmaceutical processing and food processing applications.

S70PLT – Platinum cured is FDA approved in accordance with Code of Federal Regulations Title 21 (CFR21), Section 177.2600 and USP Class VI.

ISO 10993-1 <surface device>, cytotoxicity, sensitization and irritation / intracutaneous reactivity.

The desirable traits of cleanliness, low odour index are exhibited by our compound so that our customers receive a silicone rubber product that leads the industry in cleanliness and purity.

COLOUR: TRANSPARENT

GENERAL SERVICE TEMPERATURE RANGE: -50°C to +200°C

CERTIFICATES / LICENCES: USP Class VI 121°C
FDA CFR21 177.2600
ADI Free

PHYSICAL PROPERTIES	REQUIREMENT	TEST RESULT
HARDNESS IRHD	ASTM D2240	70
TENSILE STRENGTH, MPa	ASTM D412	7
ULTIMATE ELONGATION, %	ASTM D412	680
MODULUS @ 200%, MPa		3.40
TEAR STRENGTH, KN/M	ASTM D624	44.5
COMPRESSION SET		
22 hrs @ 177°C, %	ASTM D395	35

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

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