



Specification Sheet

Seal & Cylinder Source Incorporated

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MATERIAL : Silicone Rubber (Blue or Black)

Property	Spec	Value
Hardness Shore A	Iso 868	85D +/- 5 Shore A
Specific Gravity	DIN 53479	> 1.58 g/cm ³
Tensile Strength	DIN 53504	> 710 psi
Elongation at Break	DIN 53504	> 120 %
Modulus 100% M	DIN 53504	> 405 psi
Tear Strength	DIN 53512	> 85 %
Rebound Elasticity	DIN 53512	> 35 %
Compression Set 25% Deformation @ 211° F	ISO 815	
Compression Strength 25% Deformation, 302° F	ISO 815	16,000 PSI
Maximum Temperature Hot Air (short)		+ 572 ° F
Minimum Service Temp.		- 76 ° F
Maximum Service Temp.		+ 392 ° F
Color		Blue

Description:

Silicones have good ozone and weather resistance as well as good insulating and physiologically neutral properties. However, silicone elastomers as a group, have relatively low tensile strength, poor tear strength and little wear resistance.