



Commercial Grade Solid Silicone

Commercial grade solid silicone is designed to deliver exceptional performance across all durometers for applications where physical properties are not critical but extreme temperature resistance is needed. This material has an excellent resistance to chemicals and fluids.

TECHNICAL DATA SHEET | (EFFECTIVE 25FEB24)

Solid Silicone					
PHYSICAL PROPERTY	TEST METHOD	UNIT	DUROMETER (SHORE A)		
			50 ± 5	60 ± 5	70 ± 5
Tensile Strength	ASTM D412	psi	1100	1100	1000
Elongation	ASTM D412	%	350	280	200
Tear Strength (Die C)	ASTM D624	ppi	100	100	100
Specfic Gravity	--	g/cm ³	1.15	1.18	1.21
Low Working Temp	--	°F	-80	-80	-80
High Working Temp	--	°F	450	450	450
Industry Standards					
UL 94 HB	Material is compliant with the UL 94 HB test standard for flammability				