

Flame Retardant Silicone Sheet

closed cell smooth finish



Flame Retardant Silicone Sheet (Solid Flame Retardant Silicone Sheet)

Flame resistance silicone sheet is made from a specialized compound that incorporates flame retardant additives, ensuring compliance with various safety standards. It is known for its excellent flexibility, durability, and thermal stability, making it suitable for a wide range of applications where fire safety is a critical concern.

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Type Description	Flame Retardant Silicone sheet	Test Method
CODE	/	
Hardness, Shore A	55-65A	ASTMD2240
Density, g/cm ³ , +/-0.05	1.25/798pcf	ASTMD1056
Cell Structure	/	
Surface skin	smooth	
Tensile Strength, kpa	750	ASTMD412
Elongation, %	350	ASTMD412
Transparency	Excellent	ASTMD1056
Bubbles	Few	ASTMD1056
Water Absorption, %	3	ASTMD1056
Thermal Conductivity, W/M.K	0.08	
Temperature Range, °C	-60--220	
UV/ozone Resistance	Excellent	
Dielectric Strength V/cm	> 10E11	
Flame Resistance	V-0	UL94
Color	Transparent, Red or as required	
Thickness Range, mm	3-40	
Continuous Rolls, m	<20	
Width Range, mm	-1000	
Standard Width, mm	1000	
Standard length, m	10	

Note: the data is only for reference.