

MA-Medium hardness

Product description

MA-medium hardness silicone foam board (hardness about Shore C 21-30 /Shore A11-15), excellent high and low temperature resistance (operating temperature-76°F/-60°C ~ 428°F/220°C), can cope with extreme temperature environments. Our medium hardness silicone sponge has excellent compression deformation resistance and can maintain its elasticity under long-term compression.

Main features

This medium closed cell silicone sponge with low compression permanent deformation is the most popular grade for sealing and gasket applications.

Physical properties reference table of FJSP (TDS)

Type	MA	Test method
Hardness Shore A (Shore C)	11-15A(21-30C)	ASTMD2240
Density Pcf	31.25 (0.5g/cm ³)	ASTMD1056-00
Porous structure	Closed cell	
Surface	Grid pattern (fabric finish)	
Tensile strength Psi, Min (test value)	>90/620 (101.5/700 kpa)	ASTMD412
Elongation,% Min (test value)	>180(210)	ASTMD412
Deformation compression% (212°F/100°C *22h), Max	<5	ASTMD1056-00
Compression Deflection25%,Psi (test vaule)	[8.7-14.5 (60-100kpa)] 11.6(80kpa)	ASTMD1056-00
Water absorption%	3	ASTMD1056-00
Thermal conductivity, W/M.K	0.08	
High temperature resistance, °F	428 (250°C)	
UV/ozone resistant	Excellent	
Volume resistivity Ω/cm	Greater than 10E11	
Flame retardant performance	Non-flammable	UL
Color	Red or as required	
Thickness range in	0.079-1.57 (2-40mm)	
Length range ft	< 65.62 (20m)	
Width range in	< 47.24 (1200mm)	
Standard width in	39.37 (1000mm)	
Full-length ft	32.8 (10m)	
Note: 1, the thickness greater than 0.39in (10mm) is laminated composite		

The above data is for reference only and is not recommended for use in formulating specifications.