

XSA-Extreme Soft

Closed cell fabric finish both sides



Extreme Soft Sponge
(Shore C 0-10/Shore A 0-5)

It's flexible and can handle extreme temperature environments, it's ideal material for sealing, shock-absorbing, buffering, thermal, insulation, electric insulation, UV/ozone resistant, low or high temperature resistant (-60°C--25 0°C) .

XSA-Extreme Soft

TYPE	Extreme Soft	Test Method
CODE	XSA	
Hardness Shore A(Shore C)	< 5A or 10-20C	ASTMD2240
Density g/cm ³ (+/-0.05)	0.35	ASTMD1056
Cell Structure	closed cell	
Surface Skin	Gridding	
Tensile Strength kpa,Min(测试值)	>480(400)	ASTMD412
Elongation%,Min	>170(210)	ASTMD412
Compression Set% (100°C*22h)	<5	ASTMD1056
Compression Deflection kpa	10-30 (25)	ASTMD1056
water absorption, %	4	ASTMD1056
Thermal Conductivity,W/M.K	0.06	
Temperature Range, °C	200	
UV/Ozone Resistance	Excellent	
Dielectric StrengthkV/cm	> 10E11	
Flame Resistance	Nil	UL94
Color	Red or as required	
Thickness Range	3-50	
Continuous Rolls, m	<20	
Width Range ,m	-1200	
Standard Width	1000	
Standard length ,m	10	

Notes: 1, Thickness above 10mm is made by laminated bonding.

2, Regular product is not flame retardant.

3, Heat resistance is related to usage conditions