TECHNICAL DATASHEET
MSK-2

Material Description:

MSK-2 is Kevlar-silicone foam composite. Offers excellent fire resistance, very low thermal conductivity, outstanding flame penetration resistance according to FAR/JAR 25.855(c), good mechanical properties, low weight, remarkable chemical resistance, low emission values, low smoke density. Its application is as bellows as well as flexible/durable joining elements and flame penetration resistant parts according to FAR/JAR 25.855 for aerospace and other industries.

Typical Property	Typical Value	Test Method
Areal Density (kg/m^2)	1.3	DIN EN 12127
Width (mm)	Up to 1300	-
Colour	Olive green	-
Thickness (mm)	2.6	DIN EN ISO 1923
Maximum force, manufacturing direction	1200 N	DIN EN ISO 1798 DIN 53 571-B
Maximum force, perpendicular to manufacturing direction	800 N	DIN EN ISO 1798 DIN 53 571-B
Tear resistance, manufacturing direction	100 N	DIN EN ISO 4674-1 Procedure B
Tear resistance, perpendicular to manufacturing direction	100 N	DIN EN ISO 4674-1 Procedure B
Fire Resistance		
Flammability	pass	JAR/FAR 25, App. F Part I & AITM 2.0002B
Smoke gas components	Pass	AITM 3.0005
Smoke density	Pass	JAR/FAR 25, App. F Part V & AITM 2.0007 ADB 0031 (Issue D)
Flame penetration resistance	pass	JAR 25, App. F Part III AITM 2.0010

Meets:

- ABS 5026 B01
- DAN 1226-03

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