

Technical Data Sheet: ZK260

Ultra-Soft Silicone Foam



ZK260 is an ultra-soft silicone foam with highly compressible properties. It has excellent resilience, good weather resistance and long-term working stability. The advantages of light weight, high softness and good flame-retardant properties make it ideal for dust and vibration isolation in harsh transportation, industrial and electronic products.



Characteristics

- Ultra-low softness can meet the low closing force to close the shell and protect the device from the environmental impact
- Soft and can make up for tolerance
- Resistance to UV, ozone, extreme temperatures and flame enables the consistent performance

Applications

- Suitable to be used for vibration isolation for electrical devices and vehicles
- Low closing force washer
- As thermal insulation system

Properties

Properties	ZK260	Standard
Colour	Grey, Black	-
Thickness (mm)	1.59 ~ 12.7 ± 10%	ASTM D374 / D374M
Density (kg/m ³)	230	ASTM D1056
Tensile Strength, min (kPa)	120	ASTM D412
Elongation, min (%)	70	ASTM D412
Compression Force (kPa)	10	ASTM D1056
Compression Set (max 50%, 100°C)	< 5	ASTM D1056 Test D
Thermal Conductivity (W/m.K)	0.05	ASTM E1461
Volume Resistivity (Ω,cm)	> 10 ¹⁴	ASTM D257
Flammability	V-0, HF-1	UL94
Recommended Temperature (°C)	-55 ~ 200	SAE J-2236