

Technical Data Sheet: ZK350

Very Soft Silicone Foam



ZK350 is a very soft silicone foam with excellent resilience, good weather resistance and long term working stability.



Characteristics

- Good elasticity and low stress relaxation properties
- Higher compressibility allows more design flexibility
- 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
- Environmental sealing for aircraft and railway car
- As cushion pad and gasket

Properties

Properties	ZK350	Standard
Colour	Grey, Black	-
Thickness (mm)	1.2 ~ 20 ± 10%	-
Density (kg/m ³)	290	ASTM D1056
Tensile Strength, min (kPa)	200	ASTM D412
Elongation, min (%)	60	ASTM D412
Compression Force (25% compression) (kPa)	30	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

Remark: Technical Data Sheet reflect the average performance of products based on data from controlled standard testing environments and engineering experience but are not guaranteed. User should independently determine the suitability of this material for their specific purpose, assume all risk and liability associated with such use.