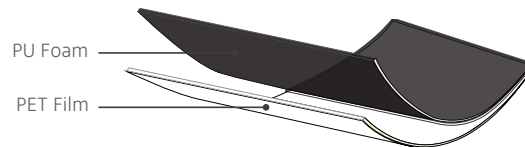


Technical Data Sheet: ZMSC400-050

Soft and Slow Rebound Thin PU Foam



ZMSC400-050 is a soft and slow-rebound polyurethane (Polyurethane) foam, suitable for thin space, can provide good shock absorption and air tightness. Soft resilience reduces interference to the mechanism. The foam body reinforce with PET film enable better stable dimension and also enhance efficiency for adhesive tape lamination.



Characteristics

- Suitable for thin mechanism space, providing cushioning and airtight functions
- The recovery after compression is high, and it still has its due function after long-term use
- Coils are easy to process
- The foam will not stretch during punching, improving dimensional stability

Applications

- Suitable for foot pads that require high load or space filling function
- Suitable to be used in automotive industry and home appliances industry

Properties

Properties	ZMSC400-050	Standard
Colour	Black	-
Total Thickness (mm)	0.50	ASTM D3574
Density (kg/m ³)	400 ± 40	ASTM D3574
25% compression force (kg/cm ²)	0.18 (0.1 ~ 0.4)	ASTM D3574-05
Compression deformation rate 50% pressure (70°C, 22h) (%)	10	ASTM D3574
Dimensional Stability (% Max Change)	2	ASTM D3574
Recommended Long-term Temperature, Maximum Temperature (°C)	70	SAE J-2236
Recommended Intermittent Temperature, Maximum Temperature (°C)	120	ASTM D746-98

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.