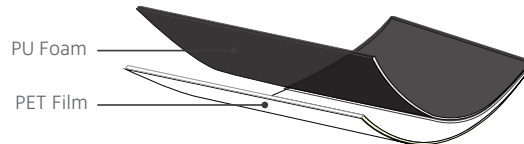


Technical Data Sheet: ZPU-MHC480-500

Rigid PU Foam



ZPU-MHC480-500 is a rigid polyurethane foam with moderate density and hardness between 55 to 75 degrees. It is suitable for high stress environment and can provide good shock absorption and cushioning effect. The foam body reinforced with PET film enable better stable dimension and also enhance efficiency for adhesive tape lamination.



Characteristics

- High recovery after compression and can function well for long term use
- Foam will retain form during punching, improving stability
- Hardness between 55 to 75 degrees (Asker C)
- Provide good shock absorption and cushioning effect

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	ZPU-MHC480-500	Standard
Colour	Black	-
Total Thickness (mm)	0.5	ASTM D3574
Density (kg/m ³)	480 ± 48	ASTM D3574
25% compression force (kg/cm ²)	2.4 (1.2 ~ 3.6)	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.