

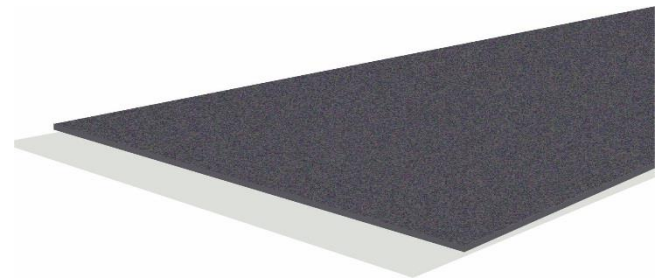
Technical Data – HPS150 OF

Product description:

This Halogen free product is Polyurethane Foam for EV battery. It features a high compressible ratio, excellent shock absorption and great durability and flame resistance.

Construction:

- Polyurethane Foam
- PET Film (50μm)



Technical data

Item		Unit	Spec.	Test method
Thickness (Foam)		mm	1.5	Video Microscope
Density		g/cm ³	0.35	ASTM D3574
Compressible Ratio (Max)		%	65	-
Compression Force Deflection	25%	kgf/cm ²	0.23	ASTM D3574
	50%	kgf/cm ²	0.44	
Compression set		%	5 ~ 10	22hrs, 70°C, 50%
Dimensional Stability		%	<1	240hrs & 50°C
		%	<1	240hrs & 50°C
Flammability rate		UL94 HBF		

Application:

- Excellent shock absorption,
- Ideal compressible ratio and excellent recovery power after long time compression.
- Excellent vibration prevention and great durability.
- Density and softness good for EV battery.

Note: Unless stated otherwise all values given are average. All of the tapes in our range should be thoroughly tested on the substrates in the particular application they are intended for. Hi-Bond Tapes Ltd. will not be responsible for product failure unless full testing has been completed. The customer has to decide on the tapes suitability for the intended application.