

# Technical Data – HPS150 OFT

**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.

www.hi-bondtapes.com

#### **Construction:**

- Polyurethane Foam
- PET Film (50μm)



V1.0: 10.09.2019

hi-bond tapes Itd.

## **Technical data**

Item		Unit	Spec.	Test method
Thickness (Foam)		mm	1.5	Video
				Microscope
Density		g/cm³	0.35	ASTM D3574
Compressible Ratio (Max)		%	65	-
Compression Force Deflection	25%	kgf/cm²	0.23	ASTM D3574
	50%	kgf/cm²	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.



#### High Performance Tapes and Adhesive Products

1 Crucible Road, Phoenix Parkway, Corby, Northamptonshire NN17 5TS Telephone: +44 (0)1536 260022 Fax: +44 (0)1536 260044 email: sales@hi-bondtapes.co.uk

Company Registration No. 3985595

www.hi-bondtapes.com



MEMBER GERMAN-BRITISH CHAMBER OF INDUSTRY & COMMERCE