

FPS0801-10

Open Cell Impact Absorbing Foam



Product Description

EndoChem FPS0801-10 foam is a open small cell polyurethane foam with excellent damping properties and low compressive force.

Features

- High Damping Material
- Low Compression Set
- Halogen Free, ROHS & REACH Compliant

Applications

EndoChem FPS0801-10 foam is typically used for electronic applications requiring protection against shock and vibration while providing little push back force within the applied environment.

Typical Properties

Part Number	FPS0801-10
Color	Yellow
Available Thickness (mm)	≥ 1.5
Density (kg/m ³) ASTM D3574	80
Tensile Strength (KPa) ASTM D3574	30
Tear Strength (kN/m) ASTM D3574	0.18
Elongation (%) ASTM D3574	100
Compression Force at 25% (kPa) ASTM D3574	1.0
Compression Set (%) 25°C @ 50% RH for 22hrs ASTM D3574	< 10
Peak Damping @ 10 hz (0.3N, 50% Compression)	1.4 @ 10°C
Operating Temperature (°C)	-40 to 70
Max Intermittent Temperature (°C)	120
RoHS / REACH / Halogen Free Compliance	Yes / Yes / Yes

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Storage and Shelf Life

Recommended storage in a temperature controlled room at 18-25°C with a 50% nominal relative humidity. Under these conditions, shelf life is good for up to 6 months from the date of manufacture.

Warranty and Disclaimer: The user is solely responsible for evaluating the product and determining whether it is acceptable for use and suitable for the user's method of application. EndoChem warrants that each product meets the applicable EndoChem product specification at the time of shipment. If the EndoChem product does not conform to this warranty, then the sole and exclusive remedy is, at EndoChem's option, replacement of the product or refund of the purchase price.

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