



Material Specification Sheet

Material Number: 17814

Description: 2.7# 24 IFD Flexible Polyether Open Cell High Resilient Foam

Production Summary: This open celled flexible polyurethane foam is a high resilient product. The cell structure and specialty raw materials used to manufacture this material allow it to provide higher flexibility than other conventional foams. Common applications include cushioning for consumer bedding / pillows, as well as medical mattresses.

Typical Physical Properties:

Property	Test Method	Value
Color	Visual	Natural White
Density	ASTM D 3574-17	2.6 – 2.8 lbs. / ft. ³
25% Indentation Force Deflection	ASTM D 3574-17 (4" specimen)	21 – 27 lbs. / 50 sq. in.
Tensile Strength	ASTM D 3574-17	>10.0 lbs. / in. ²
Elongation	ASTM D 3574-17	>100%
Tear Resistance	ASTM D 3574-17	>1.0 lbs. / lin. in.
50% Compression Set	ASTM D 3574-17	<10.0%
Flammability	CA.TB117-2013 FMVSS-302	Pass

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This product has been found to meet the test requirements of Section 3 of the California Technical Bulletin #117-2013. This foam does not contain flame retardants as defined by California SB1019.

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