



Material Specification Sheet

Material Number: 17806

Description: 2.2# 29 IFD Flexible Polyether Open Cell Antimicrobial Foam

Product Summary: This open-cell flexible polyurethane foam is a high resilient product. The cell structure and specialty raw materials used to manufacture this foam 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	Purple
Density	ASTM D 3574-17	2 – 2.4 lbs. / ft. ³
25% Indentation Force Deflection	ASTM D 3574-17 (4" specimen)	26 – 32 lbs. / 50 sq. in.
Tensile Strength	ASTM D 3574-17	> 9 lbs. / in. ²
Elongation	ASTM D 3574-17	>90%
Tear Resistance	ASTM D 3574-17	>.9 lbs. / lin. in.
50% Compression Set	ASTM D 3574-17	<10.0%
Flammability	Cal TB117-2013	Pass
Anti-microbial	ASTM G21 Rating of 0	Pass

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This product has been found to meet the requirements of ASTM-G21 with a rating of 0.

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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