



# A1590A1N

## Description:

Conventional foams are flexible, open cell foams that 'breathe' and offer an excellent balance of comfort and durability. Conventional foams elasticity and thermal stability make them particularly suitable in the manufacturing of furniture, bedding and other comfort related end products.

## Typical Physical Properties:

PROPERTY	TEST METHOD	TYPICAL RESULTS
DENSITY - (lbs/Ft. <sup>3</sup> )	ASTM D3574-05	1.45 – 1.55
25% IFD - (lbs)	ASTM D3574-05	80 – 96
Tensile Strength (min) (lbs/in <sup>2</sup> )	ASTM D3574-05	15
Elongation % (min)	ASTM D3574-05	75
Compression Set @ 75% (max)	ASTM D3574-05	15
Compression Modulus (min)	ASTM D3574-05	1.80
Hysteresis Loss % (max)	ASTM D3574-05	50
Resiliency % (min)	ASTM D3574-05	20
Flammability	CAL TB117-2013	Pass

NB: Results are typical and do not encompass the entire range of values.

### IMPORTANT NOTICE REGARDING FLAMMABILITY

Flammability tests are performed under controlled laboratory conditions. Results in no way indicate foam performance in an actual fire. Polyurethane foam should be stored and handled with care. It should be kept away from sources of heat and flame at all times.

Notice: This information is presented in good faith and is believed to be accurate as of the date below. All polyurethane foams including modified foams will burn and generate smoke and gases. Physical properties not to be used as specifications, nominal test numbers fall in the range for the specification in question. Performance conditions and corresponding data refer to typical performance in specific tests, such as CAL TB117-2013, and should not be construed to imply the behaviour of this or any other product under actual fire conditions. All data regarding these products were obtained using specific test methods under controlled laboratory conditions intended to measure performance against specifications. Due to the great number and variety of applications for which VPC Group Inc. are purchased, VPC Group Inc. does not recommend specific applications or assume any responsibility for use, results obtained or suitability for specific applications. This information is given without warranty, representation, inducement or licence of any kind, including but not limited to the implied warranties of merchantability and fitness for a particular use or purpose, except that it is accurate to the best of VPC Group Inc.'s knowledge or obtained from sources believed by VPC Group Inc. to be accurate. VPC Group Inc. does not assume any legal responsibility for use or reliance upon same. Customers are encouraged to conduct their own test.

\*Revised 04/2016

\*This revision supersedes all previous publications

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