

SMITHERS - OASIS ENGINEERED PRODUCTS

TECHNICAL DATA SHEET

BB-ABS Series

Bio-based Low Density Absorbent Foams

Typical Values

PROPERTY	UNITS	BB-ABS	TEST METHOD
Color		Greenish-grey	
Density	lb/ft ³	2	ASTM D 1622
	kg/m ³	32	
Compression Strength	psi	12-15	ASTM D 1621 Parallel to rise
	kPa	82-103	
Open/Closed Cell		Open	
Open Cell Content	%	98	ASTM D 2856
Water Absorption	Vol %	95	S-O Test Method
Saturation Time	mm:ss	0:20	Sample size 4"x4"x1"
Thermal Conductivity	BTU·in/h·ft ² ·°F	0.019	ASTM C518 (1" sample)
	W/mK	0.032	
	R-value (°F·ft ² ·h/BTU)	4.42	
	RSI-value (K·m ² /W)	0.78	

May 2026

This data is furnished without liability for Smithers and does not constitute a warranty or representation in respect to the material or its use. It is the Customer's responsibility to determine if a product described herein is appropriate for Customer's purposes and end-use. Smithers is not responsible for incorrect use of its products, and it is not liable for consequential or incidental damages of any kind, including lost profits. Smithers may modify specifications and any data or materials in the information sheet without prior notification.

SMITHERS-OASIS ENGINEERED PRODUCTS

295 South Water St • Suite 201 • Kent, OH 44240 • +1 (330) 548-0110 • www.soengineeredproducts.com