

SMITHERS - OASIS ENGINEERED PRODUCTS

TECHNICAL DATA SHEET

BB-ABS Series

Bio-based Low Density Absorbent Foams

Typical Values

PROPERTY	UNITS	LD-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	

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