

SMITHERS - OASIS ENGINEERED PRODUCTS

TECHNICAL DATA SHEET

LD-PARTABS Series

Low Density Partially Absorbent Foams

Typical Values

PROPERTY	UNITS	LD-PARTABS-G	LD-PARTABS-P	TEST METHOD
Color		Brown	Salmon	
Density	lb/ft ³	1.25	1.80	ASTM D 1622
	kg/m ³	20.0	28.8	
Compression Strength	psi	5.26	8.39	ASTM D 1621 Parallel to rise
	kPa	36.3	57.8	
Open/Closed Cell		Open	Open	
Open Cell Content	%	98	95	ASTM D 2856
Floating Saturation Water Absorption	Vol %	96.6	82.4	S-O Test Method
Saturation Time	mm:ss	00:03	00:02	Sample size 4"x4"x1"
Drainage	vol %	27.6	14.7	S-O Test Method
Thermal Conductivity	BTU·in/h·ft ² ·°F	0.0138	0.0205	ASTM C518 (1" sample)
	W/mK	0.0239	0.0355	
	R-value (°F·ft ² ·h/BTU)	6.03	4.06	
	RSI-value (K·m ² /W)	1.06	0.71	

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