



ANALYTICAL SERVICE

CONFIDENTIAL

PREPARED FOR: Custom Cooler	REPORT DATE: 1/18/21
SUBMITTED BY: Chris Thompson	
REPORTED BY: Raul Dacomba	
SAMPLE DESCRIPTION: OptiTherm C1 Foam samples	

**REQUEST SUMMARY:**

FSI received foam samples of OptiTherm C1. It was requested to perform a K-factor test at 75°F, 55°F, and 20°F average temperatures. Sample received was 3 3/8 inches thick.

**RESULTS:**

Average Temperature	K-factor (BTU-in/ft <sup>2</sup> -hr-°F)	R-value at 1-inch (ft <sup>2</sup> -hr-°F/BTU)
75°F	0.135	7.41
55°F	0.125	8.00
20°F	0.119	8.40

Foam Density (pcf)	2.1
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