

Horizontal Flammability Test Results

14 CFR 25.853(a) at Amdt. 25-116; Appendix F, Part I(a)(1)(iv) & (v)

Customer Information
Industrial Energy Products

Sample Information
Carry/Stowage Strap (Red Strap with Reflective Tape)

Conditioning: 24 hours minimum at 70 ± 5 °F and 50 ± 5 %RH.	Flame Temp: 1,550 °F minimum
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Sample	Crossed 1.5-inch (sec)	Final Position (inch)	Total Time (sec)	Burn Rate (inch/min)
1	N/A	0.6	66.3	0.0
2	N/A	0.7	88.7	0.0
3	N/A	1.1	91.1	0.0
Average:				0.0

Acceptance Criteria:
The average burn rate must not exceed 2.5 or 4.0 inch/min depending on the type of material. Reference the regulation above.

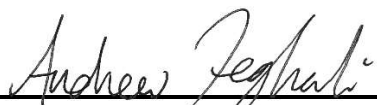
Result
$2.5 \frac{\text{inch}}{\text{min}} = \boxed{\text{PASS}}$ $4.0 \frac{\text{inch}}{\text{min}} = \boxed{\text{PASS}}$

Notes:
Flame self-extinguished before crossing the 1.5-inch mark. Burn rate recorded as zero.

RESULTS RELATE ONLY TO THE ITEMS AS RECEIVED AND TESTED. THIS REPORT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL.

NOTE TO INSPECTORS: THIS BURN CERTIFICATE MAY NOT BE SUFFICIENT TO MEET REGULATORY REQUIREMENTS. INDIVIDUAL MATERIALS MUST BE TESTED IN COMPOSITE BUILDUPS BY THE INSTALLER. SOME TESTS MAY ALSO REQUIRE FAA APPROVAL. CONTACT US FOR ASSISTANCE WITH YOUR SPECIFIC SITUATION.

Tested by: Gregory Thomas 12-Aug-24
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Approval:  12-Aug-24
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