

Appendix A1: Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750 °C (ASTM E136-22)

Project: 24-06-P0055

Client: Nortem

Standard Test Methods for Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750 °C

Operator: Rubaiyat Khondker
Date: 26/06/2024
Method : ASTM E136-22
Air Velocity 25(mm/sec)

Test Equipment:

Furnace MI# B16215
Balance MI# A07338

Sample Details

Description: Aluminum Fluted Panel

Sample Identification	Specimen No.	Test Temperature	Flamming Occurred after 30 sec.	Flamming Occurred Before 30 sec.	Mass Loss	T3 Center of Specimen	T4 Surface of Specimen
		°C			%	°C	°C
24-06-P0055	1	748.0	No	No	2.10	755.9	753.6
	2	43.3	Yes	Yes	0.00	38.7	30.0
	3	43.6	Yes	Yes	0.00	39.2	30.0
	4	43.7	Yes	Yes	0.00	39.4	30.1

Aluminium fluted panel met requirement for non-combustible material.