

**ASTM D635 TESTING
FOR
ARCHATRAK INC.
ON
POLYPROPYLENE PLASTIC IDENTIFIED AS MATERIAL FROM
ARCHATRAK 'PRIME' PEDESTALS
VTEC #100-8088-1
TESTED: JUNE 14, 2024**



VTEC Laboratories Inc.

June 18, 2024

Client: Archatrak Inc.
1288 North 14th Ave Unit 105
Bozeman, MT 59715

Attention: Alex Maier

Subject:

Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position according to ASTM D635.

Passing Criteria:

Material is classified HB if:

- Flame front does not reach 100 mm mark or,
- Flame front reaches 100 mm mark and the linear burning rate does not exceed 40 mm/min for specimens having a thickness between 3 and 13 mm or 75 mm/min for specimens having a thickness less than 3 mm.

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Material Tested:

- 1) Product Description: Polypropylene plastic identified as material from Archatrak 'Prime' pedestals
- 2) Supplier: Archatrak.
- 3) Color: Black
- 4) Specimen Composition: Homogeneous
- 5) Specimen Size: 125mm x 13mm x 5.5mm

Test Results:

Specimen #	Did specimen burn when flame removed? (yes/no)	Did flame reach 25 mm mark? (yes/no)	Did flame reach 100 mm mark? (yes/no)	Elapsed burn time after 25 mm mark (sec)	Burned length after 25 mm mark (mm)	Burning Rate (mm/min)
1	Yes	Yes	Yes	134	75	33.6
2	Yes	Yes	Yes	116	75	38.8
3	Yes	Yes	Yes	112	75	40.2
4						
5						
6						
7						
8						
9						
10						
Average:				120.67	75	37.5

According to ASTM D635, the test is stopped after three specimens have burned to or beyond the 100 mm reference mark, or ten specimens have been tested.

Conclusion:

The material tested met the passing criteria for HB classification according to appendix 1 of ASTM D635 test standard.



Neil Schultz
Executive Director



Amirudin Rahim
Technical Director