



SOUTHWESTERN LABORATORIES

Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services
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Report No. 7636-ns

Report Date 1/12/88

Date Received 12/18/87

Client: Hendee Enterprises, Inc.
Attn: Mr. Al Hendee

Project: One sample of Enduro Shade Cloth submitted to this facility by Mr. Al Hendee.

Objective

The objective of this test is to determine the extinguishing characteristics of the material using a small flame of controlled size and intensity applied to the base of specimens held in vertical position.

Testing Procedure

ASTM D 3801-80 Comparative Extinguishing Characteristics of Solid Plastics in a Vertical Position. (modified for specimen size)

Test Equipment

Vertical Flame Tester - Federal Test Methods 191 Procedure 5903, Vertical hood equipped Bunsen burner.

Samples for Flammability

The test specimens were cut from one sheet to 5 samples 1" x 10".

Test Results

Table with 5 columns: Sample Number, Flame Impingement Time, Flaming* Time, Glowing Time, Flaming Material. Rows 1-5 show 10 secs for flame impingement and 0 for other metrics, with 'None' for flaming material.

The material was self extinguishing upon removal of the flame source.

Technician: Les Hall, S.E.T.

Copies: 2cc: Hendee Enterprises, Inc.

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Roland S. Gary, P.E. (signature)

