

Dec - Fire Res.

February 11, 1958

Hestinghouse Electric Corporation
Nisarta Division
Hampton, South Carolina

Subject: Nisarta-Asbestos Samples

Dear Mr. Hood:

Kindly refer to your letter to Mr. E. E. Rutledge dated January 17, 1958, relative to rate-of-flame tests, conducted at Algoma on Nisarta-Asbestos samples.

We tested these samples with "no backing" and then ran another series of tests with "Feldspar backing". We tested according to our standard testing procedure, used all rate-of-flame tests. Kindly refer to attached data sheet and photographs for correlation.

In reviewing the test we would rate as follows: #H5076, H6074, H5075, H6072 and H6073. Of course, after you have examined the photographs and data sheets, you may feel our ratings are in error which will they might be since we do not know the characteristics or formulation of each type.

I hope that the information contained herein proves adequate for your requirements. Should more information or test be required kindly contact us.

Very truly yours,

Lab Technician

R. F. Hoffmann:cg

cc: D. E. Baldwin
E. E. Rutledge

00000163

PLAINTIFF'S
EXHIBIT

WH-190

TUNNEL BURNING TEST NICARTA-ABBERTON SAMPLES--NO BACKING

Spec. No.	Glue To Wldk.	Expos. Time, Min.	Discolor. action Time	Bleeter Appeared	Sup.	Roll Plane	Time for Plane To Resch end of Tunnel	Recorder	No. Sup.	Exfol. action	Smoke Dev.	Remarks
Reg. #10.	No	10	14 Sec.	Large (30 Sec.)	30 Sec.	30 Sec.	58 Sec.	5:28	7 Min.	Severe	Heavy	After FI.
#6072	No	10	11	Small	28 Sec.	28 "	7/8 Way to end	2:20	3:36	Mod.	Grey	1:28 No After FI. or Q1
#6073	No	10	8	Small	32 "	32 "	3/4 Way to End	2:30	2:36	Mod.	Lt. Gr.	"
#6074	No	10	11	Small	32 "	36 "	3/4 Way to End	2:12	3:16	Mod.	Lt. Gr.	"
#6075	No	10	9	Small	33 "	36 "	3/4 Way to End	1:43	3:40	Mod.	Lt. Gr.	"
#6076	No	10	12	Small	15 "	17 "	3/4 Way to End	1:20	3:00	Mod.	Lt. Gr.	"
NICARTA-ABBERTON SAMPLES GLUED TO REVERSE BACKING												
#6072	Yes	10	23 Sec.	Large (45 Sec.)	50 Sec.	60 Sec.	1:30	2:42	2:42	Mild	Lt. Dk. Grey	No After FI. or Q1
#6073	Yes	10	28 "	Large (38 Sec.)	38 Sec.	43 "	1:48 Way to End	1:52	1:58	"	"	"
#6074	Yes	10	30 "	Small (32 Sec.)	32 "	32 "	1:32	3:40	3:40	"	Lt. Gr.	"
#6075	Yes	10	28 "	Large (28 Sec.)	43 "	43 "	7/8 Way to End	5:06	5:10	Mod.	Lt. Dk. Grey	"
#6076	Yes	10	28 "	Small (28 Sec.)	30 "	30 "	7/8 Way to End	5:36	5:20	Very Mild	Lt. Blue	"

00000164