

US-D-OPS-04-01-T



SGS U.S. Testing Company Inc.

291 Fairfield Avenue • Fairfield, NJ 07004 • Tel: 973-575-5252 • Fax: 973-575-8271

CLIENT: GE Plastics
One Plastics Avenue
Pittsfield, MA 01201

Test Report No: 174073**Date:** January 31, 2003

The following sample was submitted by the Client as:

Lexan Corrugated Sheet

DATE OF RECEIPT: January 22, 2003**TESTING PERIOD:** January 23, 2003**AUTHORIZATION:** Client Purchase Order #P19350000

TESTS REQUESTED: The submitted sample was tested for Flammability in accordance with the procedures specified in ASTM D635-98, "Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position", conditioned at 23°C and 50% Relative Humidity for 48 hours. No further conditioning or treatment was required.

1.5 This test method should be used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard for fire risk of materials, products, or assemblies under actual fire conditions. However, results of this test method may be used as elements of a fire risk assessment that takes into account all of the factors that are pertinent to an assessment of the fire hazard of a particular end use.

PREPARED BY:

John H. Van Houten, Sr. Supervisor
Fire Technology
rm

**SIGNED FOR AND ON BEHALF OF
SGS U.S. TESTING COMPANY INC.**

Frank Savino, Manager
Materials Evaluation

Page 1 of 2

This report is issued by SGS U.S. Testing Company Inc. under its General Conditions for Testing Services (copy available upon request). SGS U.S. Testing's responsibility under this report is limited to proven negligence and will in no case be more than the amount of the testing fees. Except by special arrangement, samples are not retained by SGS U.S. Testing for more than 30 days. The results shown on this test report refer only to the sample(s) tested unless otherwise stated, under the conditions agreed upon. Anyone relying on this report should understand all of the details of the engagement. Neither the name, seals, marks nor insignia of SGS U.S. Testing may be used in any advertising or promotional materials without the prior written approval of SGS U.S. Testing. The test report cannot be reproduced, except in full, without prior written permission of SGS U.S. Testing Company Inc.

Member of the SGS Group (Société Générale de Surveillance)

US-D-OPS-04-03-T



SGS U.S. Testing Company Inc.

Report No.:

174073

DATE: 1/31/2003

PAGE 2 OF 2

CLIENT: GE Plastics

TEST RESULTS:

<u>Specimen</u>	<u>Dimensions, mm</u>	<u>Burning Time, Seconds</u>	<u>Extent of Burning, mm</u>	<u>Burn Rate, mm/min.</u>
1	125 x 12 x 1	169	75	26.8
2	125 x 12 x 1	140	75	32.6
3	125 x 12 x 1	127	75	34.0
Average		145* (ATB)	75* (AEB)	

Observations: Charring, melting, yellow flame consumed.

As per UBC Standard 26-7 the material tested meets a CC1 Classification.

*Rounded after averaging to the nearest multiple of 5.

End of Report