



CLIENT: POLYGAL, INC.
P.O. Box 410592
Charlotte, NC 28241
Ward Ogle

Test Report No: 840349-5

Date: January 24, 2007

SAMPLE ID: The Client submitted and identified the following test material as Polygal 8mm Polycarbonate panels.

DATE OF RECEIPT: Entered into SGS USTC sample tracking system on December 7, 2006.

TESTING PERIOD: December 28, 2006.

AUTHORIZATION: Testing authorized by Ward Ogle.

TEST REQUESTED: ASTM Designation D635-06 "Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position"

TEST RESULTS: **Average Burning Rate: 44 mm/minute**
Number of Specimens Tested: 6 (3 lengthwise, 3 widthwise)
Average Specimen Thickness: 8 mm nominal

CLASSIFICATION REQUIREMENTS: IBC Section 2606, Para. 2606.4

CC1: Plastic materials which have a burning extent of 1 inch (25mm) or less when tested in nominal 0.060-inch (1.5mm) thickness (or in the thickness intended for use) by this test.

CC2: Plastic materials which have a burning rate of 2.5 inches per minute (64mm/min) or less when tested in nominal 0.060-inch (1.5mm) thickness (or in the thickness intended for use) by this test.

CLASSIFICATION: The submitted Polygal 8mm Polycarbonate panels are classified CC2.

Tested by

**Signed for and on behalf of
SGS U.S. Testing Company Inc.**


Brian Ortega
Test Technician


Greg Banasky
Supervisor Fire Technology

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