



NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
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## Report of Materials and Equipment Acceptance Division

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

### MEA 489-06-M Vol. 2

**Manufacturer:** SABIC Innovative Plastics, 1 Plastics Avenue, Pittsburgh, MA 01201

**Trade Name(s):** Lexan Thermoclear, Thermoclick and Lexan Sheet

**Product:** Slow burning plastic material  
MEA Index #570 – Plastic, Slow Burning

**Pertinent Code Section(s):** 27-330, 27-338

**Prescribed Test(s):** RS 5-12 (ASTM D-635)

**Laboratory:** SGS US Testing Company

**Test Report(s):** SGS 102718-3, 115430-3, 162031-1, 162031-3, 162031-5, 169480-1-R1, 1690480-2-R1, 169480-3-R1, 169480-4-R1, 166999-2, 166999-3, 166999-20, 166999-21, 166999-24, 166999-25, 166999-28, 166999-29, 166999-44, 166999-46, 177105-01, 177105-02, 573103-01, 573103-02, and VTEC letter dated February 8, 2008.

**Description:** Lexan Thermoclear, Thermoclick, and Lexan Sheet are glazing systems based on polycarbonate resin. These systems have high impact strength, low weight, and high stiffness and are manufactured in a variety of transparent, translucent and colored sheet products. These systems are available in multiple thicknesses that retain their ASTM D635 rating to satisfy building code requirements.

**Terms and Conditions:** The above-described plastic material is accepted as complying with New York City Building Code requirements for slow-burning plastic for use as glazing where allowed by Code, on the following condition:

1. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the Building Code.

Note: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance March 20, 2008

Examined By Saim Derkhudan