

**CLIENT: BAYER – MATERIAL SCIENCE**  
119 Salisbury Road  
Sheffield, MA 01257

**Test Report No: RJ3724-1**

**Date: December 31, 2014**

**SAMPLE ID:** The following test material was identified as Makrolon SK.

**SAMPLING DETAIL:** Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

**DATE OF RECEIPT:** Samples were received on December 24, 2014.

**TESTING PERIOD:** December 30, 2014.

**AUTHORIZATION:** Testing authorized by Dennis Furlano.

**TEST REQUESTED:** ASTM D1929-13a. "Standard Test Method for Determining Ignition Temperatures of Plastic". Self Ignition temperature.

**TEST RESULTS:**

<u>Self-Ignition Temperature</u>	<u>Number of Specimens Tested</u>
1030° F (438° C)	7

**OBSERVATIONS:** Flaming combustion was observed. Moderate smoke evolution was noted.

**REQUIREMENTS:** International Building Code, 2012 Edition, Section 2606.4 Specifications. Light-transmitting plastics, including thermoplastic, thermosetting or reinforced thermosetting plastic material, shall have a self-ignition temperature of 650°F (343°C) or greater where tested in accordance with ASTM D 1929.

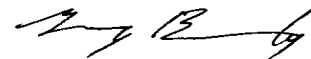
**CONCLUSION:** The submitted sample **meets** the requirements.

**Prepared By**



Brian Ortega  
Test Technician

**Signed for and on behalf of  
QAI Laboratories, Inc.**



Greg Banasky  
Senior Technician

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