

**TEST FACILITY**

**Intertek**  
3933 US Rt 11  
Cortland, NY, 13045  
(607) 753-6711

**CLIENT**

**SMOOTH-ON, INC**  
5600 Lower Macungie Road  
Macungie, PA 18062  
610-252-5800

---

<b>Test Report No: 102890084CRT-001</b>	<b>Date: October 4, 2018</b>
---	------------------------------

**SAMPLE ID:** The client identified the following test material as “Crystal Clear 220”.

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

**DATE OF RECEIPT:** Samples were received at Intertek Laboratories facilities on January 20, 2017.

**TESTING PERIOD:** January 20, 2017 to May 17, 2018

**TEST REQUESTED:** A sunshine test must be conducted per MIL-STD-810G, Method 505.5, paragraph 4.4.3, Procedure II, Steady State, for all obstruction lighting equipment with nonmetallic exterior parts or plastic/thermoplastic light covers. The equipment must be subjected to a minimum of 56 cycles. Perform an operational test of the equipment after 56 cycles. Any evidence of deterioration of plastic parts: chalking, bleaching, cracking, hazing, or color changes (yellowing) to the thermoplastic lenses of the test unit must be causes for rejection. For plastic/thermoplastic optical lenses or covers, the photometric performance must be measured after this test.

**TEST RESULTS:** Crystal Clear 220 complies with U.S. Department of Transportation, Federal Aviation Administration, Advisory Circular, Specification for Obstruction Lighting Equipment, AC No. 150/5345-43H dated 9/28/2016.

**RESULTS**

**PREPARED BY:** Jeffrey Davis - Engineering Supervisor, Lighting  
Christopher W Metcalf - Engineering Supervisor, Lighting



Total Quality. Assured.