

Crystal Clear® Series Plastics Conformance to ASTM G154-06 Measuring UV Resistance



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Crystal Clear® Series plastics conform to ASTM G154-06.

Details are as follows;

Smooth-On Crystal Clear® resins have been tested in a QUV Accelerated Weathering UV chamber in accordance with **ASTM G154-06**.

Overview

Testing of Crystal Clear® resins in accordance with ASTM G154-06 involves exposing a cured material swatch of Crystal Clear® measuring 3" x 6" x 1/8" to Ultra Violet light from a UVA-340 lamp in an alternating cycle of 8 hours of UV light at 60° C and 4 hours of condensation with no UV light at a temperature of 50° C.

Test samples are exposed for 5000 total hours and compared to control samples kept separately, apart the UV testing machine and in the absence of any light source.

Results

No degradation of material surface was observed including any loss of clarity. Material darkens and yellows slightly, but not to a measureable degree.



Call Us Anytime With Questions About Your Application.

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The new www.smooth-on.com is loaded with information about mold making, casting and more.