



**DSET LABORATORIES**

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Revised Report No.: AE44059  
Order No.: AE44059  
Client Ref. No: PO#2745  
Date: February 13, 2025

**NEAR-NORMAL/HEMISPHERICAL SPECTRAL TRANSMITTANCE TEST REPORT**

prepared for:

**PRO-MOLD, INC**  
206 Haigh Road  
Kipton, OH 44049


presented by:

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This report contains 3 pages

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**1.0 SPECIMEN DESCRIPTION**

This report presents results of the sample plaque coded:

**EZ-Snap, Part# CH35SA**

**2.0 TEST METHODS AND PROCEDURES**

Optical Property Measurements

Hemispherical spectral transmittance measurements were performed on the specimen in accordance with ASTM Standard Test Method E903. The measurements were performed with a PerkinElmer Lambda 950 Spectrophotometer utilizing an integrating sphere (Figure X1.4 of E903). Transmittance measurements were obtained in the solar spectrum from 2500nm to 250nm at an incident angle of 0°. The measurements are properly denoted as being 'near normal/hemispherical spectral transmittance'.

The spectral data were integrated against Air Mass 1.5 direct spectrum as per ASTM G173. The UV region of the spectral data was integrated between 280-400nm. The %T data and spectral data all have a 1-nm resolution.

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**4.0 RESULTS**

With all test methods, there typically is a level of uncertainty for the test data due to the acceptable operating tolerances of the instrumentation and variation caused by the test method. The estimated tolerances are expected to be less than plus or minus 2% for most materials tested to ASTM E903.

Optical Property Data:

Specimen Code	% Transmittance
	UV
<b>EZ-Snap, Part# CH35SA</b>	3.5