



September 19, 2006
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Ref: TS89, Multi Plastics, Inc. EWF700M Matte & EWF7000 Clear.

Multi Plastics, Inc. submitted several samples of windowed envelopes for evaluation by USPS Engineering. Our Test, Evaluation and Quality Group tested the samples and the results are listed below per their report to the Letter Technology Group:

Two sets of window envelopes were submitted to Test, Evaluation and Quality for measurement of the window film. The material met USPS recommended values for the properties measured. The submitted envelopes were identified as:

- EnviroSafe EWF 7000 Clear
- EnviroSafe EWF 700M Matte

The envelopes were white wove construction with gummed flap and windows in the lower left face of the envelopes. Methodology: The submitted samples were tested for correlated haze, window caliper, and gloss of the window film. Only correlated haze has a USPS recommended value, the other properties are measured for informational use only. Correlated haze was measured according to ASTM D1003, using a MacBeth Coloreye 7000 spectrophotometer in haze mode. Caliper was measured with an electronic micrometer, taking the average of ten readings. Gloss was measured according to ASTM D523 at 20, 45 and 60 degree angles.

Results

Sample ID	Haze	Caliper	20° Gloss	45° Gloss	60° Gloss
7000 Clear	39	1.2 mils	63	53	88
700 Matte	41	1.2 mils	9	23	21

USPS recommends a maximum haze index of 70. Gloss and caliper data are presented for information only, USPS has no recommended values for these properties.

If there are any questions, please contact me at 703.280.7014 or email todd.m.schimmel@usps.gov.

Thank you,

Todd Schimmel
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