

**PRECISION TESTING LABORATORIES**

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**Laboratory Report No. 74895**  
 19-Sep-06

Mr. Mike Cole  
 Royal Carolina Corp.  
 7305 Old Friendly Road  
 Greensboro, NC 27410

Item: One (1) sample identified as:  
 1) Hollywood

Purpose: Flammability, NFPA 701-2004, Test I

Test	Specimen Results									
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**Flammability, NFPA-701-2004**

**Test I**

<u>% Weight Loss</u>	29.2	4.8	33.6	16.8	4.8	5.3	4.6	19.8	4.4	14.5
<u>Residue Burn (seconds)</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.0	0.0
<u>Standard Deviation</u>	10.97									
<u>3 Standard Deviations</u>	32.90									
<u>Retest Required</u>	No									

**Retest Requirement**

**9.1.4** When the percent mass loss of any individual specimen exceeds the mean value plus 3 standard deviations, the test shall be repeated on another sample of 10 specimens.

**Flame Propagation Performance Requirement**

- 10.1.1.1** Fragments or residues of specimens that fall to the floor of the test chamber shall not continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens.
- 10.1.1.2** The average weight loss of the 10 specimens in a sample shall be 40 percent or less.
- 10.1.1.3** No individual specimen's percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens.
- 10.1.1.4** When a retest is required, no individual specimen's percent mass loss in the second set of specimens shall deviate from the mean value by more than 3 standard deviations calculated for the second set.

Sample conforms with NFPA 701, Test I requirements.

sg

**Average**

13.8

1.0