

TEST REPORT

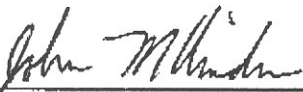
CLIENT: Polyguard Products
PO Box 755
Ennis, TX 75120-0755
Attn.: Wallace Arnold

MATERIALS: Three samples of sheet material were delivered and identified by the client as #750, #751, and #850. Each sample consisted of three specimens, each measuring 10 x 10 inches.

TEST: The sample's resistance to puncture was determined according to Section 10 of ASTM E 154-99, "Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover." Testing was conducted on March 13, 2003.


RESULTS: The maximum load and membrane deflection at maximum load is shown in the table on page 2 of this report.

REPORT BY:



John Hindman,
Engineer III

REPORT REVIEWED BY:



Douglas Bert,
Engineer II

This report applies only to the samples reported. This report may be copied only in its entirety.

Resistance to Puncture Test Results			
Sample	Specimen	Maximum load (lb.)	Deflection at max load (in.)
#750	1	122	2.4
	2	131	2.4
	3	129	2.3
	average	127	2.4
#751	1	232	2.4
	2	267	2.5
	3	252	2.4
	average	250	2.4
#850	1	374*	2.2*
	2	312	1.9
	3	320	2.0
	average	316	2.0

*The test was interrupted during the loading of this specimen. Due to a higher than expected load, the load cell of the test machine had to be changed. The deflection value was estimated. It is possible that the interruption affected the maximum load value shown. These values were not used in the calculation of the average for this sample.

This report applies only to the samples reported. This report may be copied only in its entirety.