

Certificate of Analysis
Water Absorption (Hydrophobicity)

Product Name	Elastuff 200
Batch Number	Part A #98634 Part B #98857
Manufacture Date	Part A - 9/17/04 Part B - 9/15/04
Test Date	10/13/04
Application/Date	9/22/04 / 160° F. material temperature at 3000 psi pump pressure
Test Method	ASTM D-570 Absorption of Plastics
Test Conditions	As per ASTM standard. Any deviation reported at end of certificate.

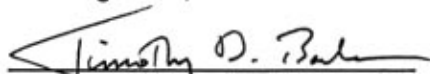
This certificate confirms that the above product was tested as per stated standard specification using calibrated equipment and qualified staff. The following test results were obtained.

Test Results

Parameter	Result
Days Immersed	% Water Absorption
7	3.6%

Test conditions (if different from standard test conditions) and/or notes
1"x 2"x 0.035" samples cut from free film, weighed, and immersed in deionized water bath. Reconditioning section of standard not recorded.

Results witnessed and verified by a technical representative of GeoEngineers, Inc.



Reviewed by:
 Timothy D. Barber