

Certificate of Analysis

Tensile Strength

Product Name	Elastuff 310
Batch Number	Part A: 97881, Part B: 97882
Manufacture Date	21 May 04
Test Date	28 June 04
Application/Date	10 June 04 / 160° F. material temperature at 3000 psi pump pressure
Test Method	ASTM D-412 Vulcanized Rubber & Thermoplastic Elastomers
Test Conditions	As per ASTM standard. Any deviation reported at end of certificate.

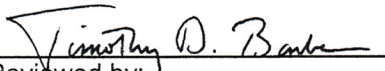
This certificate confirms that the above product was tested as per stated standard specification using calibrated equipment and qualified staff. The following test results were obtained.

Test Results

Parameter	Symbol	Unit	Result
Tensile Strength	TS	MPa	15.7
		PSI	2279
Elongation	E	%	410%
100% Modulus	TS	MPa	6.0
		PSI	875
300% Modulus	TS	MPa	11.7
		PSI	1700

Test conditions (if different from standard test conditions) and/or notes:
Test Equipment: Shimadzu Autograph AG-1 Temperature and Humidity: 23°C / 24% RH.

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


 Reviewed by:
 Timothy D. Barber