



CONSTELLATION TECHNOLOGY CORPORATION

Analytical Services Laboratory
7887 Bayou Drive Road, Suite 100, Largo, FL 33771-1498
Telephone (727) 547-0600 • Fax (727) 545-6048

An Equal Opportunity Employer
Test Report -- A00638

Company: Thermal Technologies	Contact: Frank Masvada		
Address: 7500 Uimerton Road, Suite 27	City/State/Zip: Largo, FL 33771		
Date Received: 9/8/00	Date Analyzed: 3/14/01	Date Reported: 3/16/01	Analyst: Jackson
Test Method(s): ASTM E-8 Tensile Test			
Material Identification: Aluminum Brake Rotor			

Untreated material

1	0.4934 x 0.2270	4,280	4,765	38,200	42,500	Broke Outside gage marks	11	
2	0.4885 x 0.2408	4,400	4,859	37,400	41,300		10	
3	0.5691 x 0.2290	4,460	5,143	34,200	39,500		10	
4	0.4970 x 0.1724	3,300	3,695	38,500	43,100		9	
5	0.4929 x 0.1289	2,450	2,705	38,600	42,600		10	
Average				37,380	41,800			

Treated material

1	0.4951 x 0.2451	4,600	5,106	37,900	42,100		13	
2	0.4989 x 0.2324	4,410	4,883	38,000	42,100		13	
3	0.5011 x 0.2278	4,330	4,857	37,900	42,500		12	
4	0.5016 x 0.1458	2,740	3,080	37,500	42,100		10	
5	0.5012 x 0.1647	3,170	3,507	38,400	42,500		13	
Average				37,940	42,260			12.2