



CENTRAL LEATHER RESEARCH INSTITUTE
FOOTWEAR TESTING LABORATORY
SHOE DESIGN AND DEVELOPMENT CENTRE

ADYAR, CHENNAI-600 020, INDIA
ESCPL, SIPCOT, Ranipet.

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TEST REPORT

TEST/0973/07-08

Pg. (1) of (1)
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M/s. EURO SHOE COMPONENTS PVT LIMITED
478/30-A, CORAMANDEL ROAD
SIPCOT, RANIPET 632 403
Tele fax: 04172-247136

E mail : euroshoe@euroshoe.in

Dear Sir,

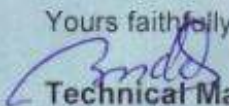
With reference to your letter dated 12th September 2007, we give below the test report for one sample of **TPR sole** submitted for **physical** testing.

Sample ID **TPR Sole, Art : ROGER, marked as "ES - 55 Natural"**
Conditioning Test Conducted at 20°C and 65% Rh

S. No	PROPERTY	RESULT	CLRI RECOMMENDATIONS		TEST METHOD
			Soft	Hard	
1.	Density, g/cc	0.93	0.9 - 1	0.98 - 1.06	SATRA TM 134: 1998
2.	Hardness, IRHD	58 - 63	50 - 70	71 - 95	SATRA TM 206: 1999
3.	Abrasion resistance, mm ³ Volume loss	173	Max. 350	Max. 400	SATRA TM 174: 1994
4.	Tensile strength, N/mm ² Extension at break, %	3.4 340	Min. 4.0 Min. 300	Min. 6.0 Min. 250	SATRA TM 137: 1995
5.	Tear strength N/mm	17.0	Min. 8	Min. 8	SATRA TM 218: 1999
6.	Flexing resistance at 20°C Cut growth rate, mm / kc After 30,000 flexes After 50,000 flexes After 75,000 flexes After 100,000 flexes After 120,000 flexes After 150,000 flexes	0.003 0.003 0.006 0.010 0.016 0.017	Max. 0.1	Max. 0.1	SATRA TM 60 : 1992

All the tested properties except tensile strength of this TPR sole sample are found to be good.

Yours faithfully,


Technical Manager
CLRI Quality Assurance Scheme

- Note
1. This test report is not meant for publicity / Advt.
 2. This test report is not meant to be produced before customs / Govt. Officials.
 3. This institute shall be indemnified against any dispute arising out of issue of this test report.
 4. Test conducted on the submitted sample and this institute is not responsible for sampling.

Tel : 044 - 24911386 Extn. 342. Fax : 044 - 24911589
E mail : rajaramanr@clrim.org; bdnas@clrim.org; rajaramanrr@gmail.com