



# 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/1019/07-08

## TEST REPORT

Pg. (1) of (1)  
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M/s. EURO SHOE COMPONENTS PVT LIMITED  
478/30-A, CORAMANDEL ROAD  
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Dear Sir,

With reference to your letter dated 21<sup>st</sup> 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 "S - 02"  
Conditioning    Test Conducted at 20°C and 65% Rh

S. No	PROPERTY	RESULT	CLRI RECOMMENDATIONS		TEST METHOD
			Soft	Hard	
1.	Density, g/cc	0.94	0.9 - 1	0.98 - 1.06	SATRA TM 134: 1998
2.	Hardness, IRHD (Median)	65	50 - 70	71 - 95	SATRA TM 206: 1999
3.	Abrasion resistance, mm <sup>3</sup> Volume loss	277	Max. 350	Max. 400	SATRA TM 174:1994
4.	Tensile strength, N/mm <sup>2</sup>	4.0	Min. 4.0	Min. 6.0	SATRA TM 137:1995
	Extension at break, %	320	Min. 300	Min. 250	
5.	Tear strength N/mm	11.3	Min. 8	Min. 8	SATRA TM 218: 1999
6.	Flexing resistance at 20°C				
	Cut growth rate, mm / kc				
	After 30,000 flexes	0.02	Max. 0.1	Max. 0.1	SATRA TM 60 : 1992
	After 50,000 flexes	0.03			
	After 75,000 flexes	0.02			
	After 100,000 flexes	0.02			
	After 120,000 flexes	0.02			
	After 150,000 flexes	0.02			

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

Yours faithfully,

*R. Rajamanr*

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.

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