



# CENTRAL LEATHER RESEARCH INSTITUTE

FOOTWEAR TESTING LABORATORY  
SHOE DESIGN AND DEVELOPMENT CENTRE  
ADYAR, CHENNAI - 600 020, INDIA.

## TEST REPORT

TEST/1845/08-09

Pg. (1) of (1)  
Dt: 27.03.2009

M/s. EURO SHOE COMPONENTS PVT LIMITED  
478/30-A, CORAMANDEL ROAD  
SIPCOT, RANIPET 632 403  
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Dear Sir,

With reference to your letter dated on 21<sup>st</sup> March 2009, we give below the test report for one sample of TPR Sole submitted for physical testing.

Identification : TPR SOLE, ARTICLE: PRELUDE, COLOUR: GREY

Conditioning : Test conducted at 20°C and 65% RH

S. NO	PROPERTY	RESULT	CLRI RECOMMENDATIONS		TEST METHOD
			Soft	Hard	
1.	Density, g/cc	0.96	0.9 - 1	0.98 - 1.06	SATRA TM 134: 1998
2.	Hardness, IRHD	62	50 - 70	71 - 95	SATRA TM 206: 1999
3.	Abrasion resistance, mm <sup>3</sup> Volume loss	227	Max. 350	Max. 400	SATRA TM 174: 1994
4.	Tensile strength, N/mm <sup>2</sup> Extension at break, %	4.7 554	Min. 4.0 Min. 300	Min. 6.0 Min. 250	SATRA TM 137: 1995
5.	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	0.00 0.00 0.00 0.00 0.00 0.0006	Max. 0.1	Max. 0.1	SATRA TM 60: 1992

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

Yours faithfully,

*R. Rajaraman*  
f 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.