



24/07/09



INTERNATIONAL TESTING CENTRE
Ministry of Commerce & Industry, Government of India
TEST CERTIFICATE



Supplier	: M/S. EURO SHOE COMPONENT PVT.LTD 478/30-A, Coramandal Road, SIPCOT, Ranipet-632 403.	Job No.	: 2K9070065
Contact	: Mr. P.Kuppusamy	Date of Entry	: 21-07-2009
Material	: TPR SOLE	Page	: 1/1
Colour	: ELEPHANT/AMBRA	Sample Code	: TPR SOLE ARTICLE NAME:FREDDY, MATERIAL CODE:CABOPOL
Job start date	: 21-07-2009	Job completion date	: 21-07-2009

Laboratory Environment

Temperature : 20+/-2°C
Relative Humidity : 65+/-5%
Sample was conditioned for 48 hours

S. No	PROPERTY	RESULT	REQUIREMENT		TEST METHOD
			Soft	Hard	
1.	Density, g/cc	0.91	0.9 - 1	0.98 - 1.06	SATRA TM 134: 1998
2.	Hardness, Shore A IRHD	58 61	42- 68 50 - 70	70- 90 71 - 95	SATRA TM 206: 1999
3.	Abrasion resistance, mm ³ Volume loss	200.7	Max. 350	Max. 400	SATRA TM 174:1994
4.	Tensile strength, Kg/cm ² Extension at break, %	46.05 590	Min. 40 Min. 300	Min. 60 Min. 250	SATRA TM 137:1995
5.	Tear strength KN/mm	9.1	Min. 8	Min. 8	SATRA TM 218: 1999
6.	Flexing resistance at 20°C Cut growth rate, mm / kc 30,000 50,000 75,000 100,000 120,000 150,000	0.00 0.00 0.001 0.001 0.002 0.002	Max. 0.1	Max. 0.1	SATRA TM 60: 1992

Comment:

All the tested properties of the given **TPR Sole material** are meeting the desired requirements.

M. Ramasastry
M. Ramasastry
(Lab Analyst)

Dr. Kausik Ghosh
Dr. Kausik Ghosh
(Chief Technologist)

Dr. KAUSIK GHOSH

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