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10/10/09



# INTERNATIONAL TESTING CENTRE

Ministry of Commerce & Industry, Government of India

## TEST CERTIFICATE

<b>Supplier</b>	: M/S. EURO SHOE COMPONENT PVT.LTD 478/30-A, Coramandal Road, SIPCOT, Ranipet-632 403.	<b>Job No.</b>	: 2K910 0170
<b>Contact</b>	: Mr. P.Kuppusamy	<b>Date of Entry</b>	: 07-10-2009
<b>Material</b>	: TPR SOLE	<b>Page</b>	: 1/1
<b>Colour</b>	: BLACK	<b>Sample Code</b>	: TPR SOLE, Article Name: RAVEENA, Material code : EXT - 55 AP/NP
<b>Job start date</b>	: 08-10-2009	<b>Job completion date</b>	: 09-10-2009

Laboratory Environment

Temperature : 20+/-2°C  
Relative Humidity : 65+/-5%

Sample was conditioned for 48 hours

S. No	PROPERTY	RESULT	FDDI REQUIREMENT		TEST METHOD
			Soft	Hard	
1.	Density, g/cc	0.92	0.9 - 1	0.98 - 1.06	SATRA TM 134: 1998
2.	Hardness, Shore A	55	42- 68	70- 90	SATRA TM 206: 1999
3.	Abrasion resistance, mm <sup>3</sup> Volume loss	191.3	Max. 350	Max. 400	SATRA TM 174:1994
4.	Tensile strength, Kg/cm <sup>2</sup> Extension at break, %	49.2 531.1	Min. 40 Min. 300	Min. 60 Min. 250	SATRA TM 137:1995
5.	Tear strength N/mm	13.5	Min. 8	Min. 8	SATRA TM 218: 1999
6.	Flexing resistance at 20°C Cut growth rate, mm / kc 10,000 20,000 30,000 50,000 75,000 100,000 120,000 150,000	0.000 0.000 0.000 0.002 0.002 0.003 0.003 0.004	Max. 0.1	Max. 0.1	SATRA TM 60: 1992

**Comment:**

All the tested properties of the given TPR sole sample meet the desired requirement.

M. Ramasastri  
**M. Ramasastri**  
(Lab Analyst)

Dr. Kausik Ghosh  
(Chief Technologist)

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