



FDDI INTERNATIONAL TESTING CENTRE

MINISTRY OF COMMERCE & INDUSTRY, GOVERNMENT OF INDIA

FOOTWEAR DESIGN & DEVELOPMENT INSTITUTE

TEST REPORT

Supplier	: M/S. EURO SHOE COMPONENT PVT.LTD 478/30-A, Coramandal Road, SIPCOT, Ranipet-632 403.	Job No.	: 2K9060042
Contact	: Mr. P.Kuppusamy	Date of Entry	: 19-06-2009
Material	: TPR SOLE - Pioneer	Page	: 1/1
Colour	: CUMIN SUNBURST	Sample Code	: TPR SOLE Article : Pioneer - Cumin Sunburst
Job start date	: 20-06-2009	Job completion date	: 22-06-2009

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	59	42- 68	70- 90	SATRA TM 206: 1999
2.	Abrasion resistance, mm ³ Volume loss	199.3	Max. 350	Max. 400	SATRA TM 174:1994
3.	Tensile strength, Kg/cm ² Extension at break, %	50.6 536.6	Min. 40 Min. 300	Min. 60 Min. 250	SATRA TM 137:1995
4.	Tear strength KN/M	11.46	Min. 8	Min. 8	SATRA TM 218: 1999
5.	Flexing resistance at 20°C Cut growth rate, mm / kc 30,000 50,000 75,000 100,000 120,000 150,000	0.00 0.002 0.003 0.003 0.003 0.003	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.

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