



INTERNATIONAL TESTING CENTRE

TEST CERTIFICATE

Customer Name : Yaqoob Tanners.

Test report No. : 2K2312219

Contact person : Mr.

Date of Entry : 20.12.2023

Address : 112-F, Chhabiley Purwa, Jajmau, Kanpur (U.P.) - 208010

Sample description: Safety Shoe (Size – 8)

Page : 1/1

Details : Article – Pitbull , Brand - Zain

Specification : IS 15298 (Part-2) – 2016, Classification - I + ASTM F2413-18

Testing period : 22.12.2023 to 02.01.2024

Reporting date : 02.01.2024

Laboratory Environment

Temperature 27 +/-2°C

Relative Humidity 65+/-5%

The sample was conditioned for 48 hours.

S.No.	Test Name	Clause	Value	Requirement	Conformity
Test on Whole Footwear- 5.3					
a.	Upper/Outsole bond	5.3.1.2	3.1 N/mm due to sole tearing	4 N/mm (min.), 3 N/mm (min.) in case of sole tearing.	Conforms
Toe Protection (5.3.2) – Composite Toe Cap					
a.	Impact resistance at 200 J	5.3.2.3	14.0 mm No crack observed.	14.0 mm (min.) , toecap shall not develop any cracks on the test axis.	Conforms
b.	Compression resistance-15 kN	5.3.2.4	14.0 mm	14.0 mm (minimum)	Conforms
c.	Slip resistance – 5.3.5 (SRC)	5.3.5.4	0.32 0.40 0.15 0.19	Coefficient of friction for Condition A(Forward heel slip)≥0.28 Condition B(Forward flat slip)≥ 0.32 Condition C(Forward heel slip)≥0.13 Condition D(Forward flat slip)≥ 0.18	Conforms
Test on Upper (5.4)					
a.	Tear strength	5.4.3	330 N	120 N (minimum)	Conforms
b.	Tensile strength	5.4.4	21.6 N/mm ²	15 N/mm ² (minimum)	Conforms
Test on Outsole – 5.8					
a.	Abrasion resistance	5.8.4	70 mm ³	150 mm ³ (max.) density > 0.9g/cc	Conforms
b.	Interlayer bond strength	5.8.6	4.8 N/mm	4 N/mm (minimum)	Conforms


*High Voltage test up to 18 kV *(ASTM F 2413-18)

Value


No Arc Flashing and current leakage is 0.25 mA for 60 seconds.

Requirement

No Arc Flashing and current leakage < 1 mA for 60 seconds.


Rajesh Mishra
(Senior Technologist)
Authorized Singatory




Shailendra Saxena
(Head Physical Laboratory)
Authorized Singatory

*** END OF TEST REPORT ***

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