



GALISTA SAFETY PRODUCTS

Plot No. 1301, MIE, Part B, Bahadurgarh, Jhajjar, Haryana, India. 124507

info@galista.in

www.galista.in

An ISO 9001:2015 Certified Company

GALISTA LION

IN HOUSE TEST REPORT

Date: 6th November 2023

Laboratory Temp. $23 \pm 2^{\circ}\text{c}$
Laboratory R.humidity $55 \pm 5\%$

Sr. No.	Part of Material	Name of Test	Basic Requirements	Results
1	Upper	Flex Resistance Test	Min 1,50,000 Cycles and no cut growth on surface.	2,50,000 Cycles Passed
		Thickness	1.6 to 2.0 mm	1.8 mm
		Tear Strength	Warp Min. - 60.0 N	158.7 N
			Weft Min. - 60.0 N	134.2 N
		Tensile Strength	Warp Min. - 20.0 Kg/Cm	30.6 Kg/Cm
			Weft Min. - 10.0 Kg/Cm	22.4 Kg/Cm
		Elongation %	15 to 20 %	17 & 19 %
Breaking Load	Warp	153 Kgs		
	Weft	112 Kgs		
2	Sole	Hardness	65 to 80 - Shore A	71 Shore A
		Tear Strength	Min. 25 N	244.02 N
		Abrasion Resistance	Less Than 450 mm ³	190.48 mm ³
		Flex Resistance Test	Min.- 30,000 Cycles after max. cut growth 4 mm	1,20,000 Cycles after no cut growth
		Cold Ross Flex Test 5°C	Min.- 1,00,000 Cycles after max. cut growth 6 mm	15264 cycles after cut growth 6.6 mm
		Tensile Strength		32.2 Kg/Cm
		Tensile Strength %	100%	129%
		Specific Gravity	0.9 to 1.2 g/cc	1.007 g/cc
3	Toe Cap 140 Joules	Toe Impact	Size - 7 Min. Clearance 14.0 mm	16.2 mm
		Compression Resistance	Size - 7 Min. Clearance 14.0 mm	15.5 mm

<< END OF REPORT >>

LAB INCHARGE

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