PRODUCT SHEET
TOPOLINO 6119 S1 SRC



DESCRIPTION

Sandals in full grain perforated leather with velcro straps for a perfect fitting. Breathable antimicrobial and antibacterial lining. The sole is provided with anti-slip, anti-static, anti-torsion, anti-abrasion and shock absorbing properties/features.

Product Code	6119
EN Standard	EN ISO 20345:2011
Safety Category	S1 SRC
Range of Sizes	36 - 48
Wide	11
Packaging	10 pairs of same size

MATERIALS

Upper	**"Crazy Horse"**: full grain perforated leather	
Lining	Breathable, abrasion resistant and with antimicrobial and antibacterial treatment	
Sole	Midsole in low density polyurethane, gives an optimal comfort Outsole in double-density polyurethane that ensures maximum wear resistance	
Protective toe cap	**STEEL**	Impact resistance: until 200J Compression resistance: until 1500 kg

SAFETY TECHNICAL SPECIFICATIONS

Description	Measurement Unit	EN ISO 20345:2011 Clause	EN ISO 20345:2011 Requirement	Test Result
Impact resistance	mm	5.3.2.3	≥ 14	**16**
Compression resistance	mm	5.3.2.4	≥ 14	**16,5**
Penetration resistance	N	6.2.1.1	≥ 1100	-
Antistatic footwear: in wet condition	MΩ	6.2.2.2	≥ 0,1	**7,7**
Antistatic footwear: in dry condition	MΩ	6.2.2.2	≤ 1000	**99**
Energy absorption of seat region (E)	J	6.2.4	≥ 20	**41**
Water vapour permeability	mg/cm2*h	5.4.6	≥ 0,8	**2,8**
Water vapour coefficient	mg/cm2	5.4.6	≥ 15	**31,4**

Description	Measurement Unit	EN ISO 20345:2011 Clause	EN ISO 20345:2011 Requirement	Test Result
Upper: water penetration after 60 min	g	6.3	≤ 0,2	-
Upper: water absorption after 60 min	%	6.3	≤ 30	-
Lining: water vapour permeability	mg/(cm2*h)	5.5.3	≥ 2,0	**40**
Lining: water vapour coefficient	mg/cm2	5.5.3	≥ 20	**325**
Outsole: abrasion resistance	mm3	5.8.3	≤ 150	**91**
Outsole: flexing resistance	mm	5.8.4	≤ 4	**0,5**
Outsole: interlayer bond strength	N/mm	5.8.6	≥ 4	**5,3**
Outsole: hydrocarbons resistance	%	5.8.7	≤ 12	**0,3**

SLIP RESISTANCE SPECIFICATIONS

Friction coefficient	Clause	Requirement	Test Result	Excess
Ceramic tile floor with NaLS (7°)	5.3.5.2	≥ 0,28	**0,36**	*29%*
Ceramic tile floor with NaLS	5.3.5.2	≥ 0,32	**0,38**	*18,8*
Steel floor with glycerine (7°)	5.3.5.3	≥ 0,13	**0,18**	*39%*
Steel floor with glycerine	5.3.5.3	≥ 0,18	**0,22**	*22%*

STORAGE, CARE AND MAINTENANCE

Panda Safety footwear should be stored in original packaging, storage temperature should not exceed 35°C, humidity should be less than 80% and without influence of direct sunlight. Footwear should be cleaned after each use; dry off the shoes not in proximity or in direct contact with stoves or other sources of heat. Carry out the periodic treatment of the uppers with adequate products containing wax, grease, silicone, etc. Avoid contact with aggressive chemicals and extreme temperatures. Verify the good state before each use.

The data indicated in this sheet are subject to modification without notice in case of evolution in materials.

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