TECHNICAL SHEET ART. NICE ESD

Class: S1P SRC
Sizes: 36-48
Instep: 12
Weight(±10%): 526 gr. (*)

Description Sandal in micro fiber , black color , 100% polyester lining, Non-Metallic HRP Insole , Light & Soft Insole antistatic and breathable , polyurethane sole , bending resistant , abrasion resistant, oil resistant , slip resistant , antistatic , with the "little pad" SOFT WALK inside, ESD.
Plus toe protection PRO CAP
Suggested sectors of usage Building/Costruction , Servicing, Mechanical Industry, Cooperative Society
Care and Maintenance clean periodically the outsole and the upper with non aggressive substances which could compromise quality, safety and durability of the shoe, do not dry close to direct heat source

Complete shoe	Norm	Description	Unit	FTG result	EN ISO 20345 requirements
Toe Cap : Top Composite toe cap, impact resistant 200 J	5.3.2.3	Impact resistance	mm	14,0	>= 14
	5.3.2.4	Compression resistance	mm	16,0	>= 14
Midsole: non metallic HRP Insole with high tenacity fibers layers, ceramized and treated with plasma	6.2.1.1	Perforation resistance	N	1.100	>= 1.100
ESD footwear: dissipation capacity of the electrostatic charge	EN ISO	Resistance to floor			
	61340	(footwear/floor resistance)	Ohm	$4{,}16 \times 10^7$	$< 1{,}00 \times 10^8\ \Omega$
	5-1:2016	Transverse resistance of the sole	Ohm	$4{,}65 \times 10^7$	$\leq 1{,}00 \times 10^8\ \Omega$
		Chargeability	V	<20 V	< 100 V
Capacity of Energy Absorption in the heel area	6.2.4	Energy absorption in the heel area	J	36	>= 20
Upper: Microfiber, black color, thickness 1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	2,5	>= 0,8
		Coefficient of permeability	mg/cmq	22,0	>= 15
	5.4.3	Tearing Strength	N	85	>= 60
Vamp Lining: non woven textile for toe cap, grey color	5.5.3	Water vapour permeability	mg/cmq h	3,4	>= 2
		Coefficient of permeability	mg/cmq	30,2	>= 20
	5.5.1	Tearing Strength	N	30	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	25.600
		Abrasion resistance (wet)	cycles	no rupture	12.800
Quarter lining: 100% honeycomb finished polyester, breathable, abrasion resistant, grey colour	5.5.3	Water vapour permeability	mg/cmq h	6,8	>= 2
		Coefficient of permeability	mg/cmq	54,4	>= 20
	5.5.1	Tearing Strength	N	25	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	51.200
		Abrasion resistance (wet)	cycles	no rupture	25.600
Insole lining: textile anti perforation midsole HRP Insole	5.7.3	Water Absorption	Mg/cm^2	82	>= 70
		Ability to release water		97%	>= 80%
Sole: polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic, with high damping capacity thanks to the little pad SOFT WALK inserted inside,ESD	5.8.2	Tearing Strength	kN/m	5,9	>= 5
	5.8.3	Abrasion resistance	mm^3	154	<= 250
	5.8.4	Bending resistance	mm	2,5	<= 4
	5.8.5	Hydrolysis	mm	1,0	<= 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	0,2%	<= 12%
	5.11	Slip resistance on ceramic floor with water and detergent	flat	0,54	>= 0,32
			inclined	0,46	>= 0,28
		Slip resistance on steel floor with glycerine	flat	0,25	>= 0,18
			inclined	0,22	>= 0,13

Azo dye free: no presence of azo dye forbidden by normative 1907/2006/CE Attachment XVII (method UNI EN 14362-1:2012 + 14362-3:2012 Textile)
(*) = Indicative weight that refers to ½ pair in size 42