# **TECHNICAL DATA SHEET**



Name Code

Standard

## **LAGONA 02 FO**

# 3209 O2 FO SRC

**Product Range** Weight Size range Mondopoint **Packaging** 02 FO SRC 350 grams 35 <> 50 10 pairs/carton 20347:2012 (1 shoe in size 42) (same size)

**EN ISO** 



#### **TECHNICAL SPECIFICATIONS**

















**SOLE** 

#### **SOLE FEATURES**



The PU COMB® sole, entirely crafted from polyurethane foam, offers lightness, elasticity, and comfort. Its honeycomb tread provides suction cup grip, superior slip-resistance, and self-cleaning features.









**PROTECTIVE ELEMENTS** 

**UPPER** 

**LINING** 

**FOOTBED** 



Hypoallergenic microfiber with

high breathability, tear, rip, scratch, and friction resistance, plus

water-repellent and stain-resistant





Antistatic and anti-odour fabric, this lining offers excellent breathability and moisture removable insole with SANITIZED® technology ensuring hygiene and a fresh feeling all day. wicking. It features SANITIZED® treatment to suppress microorganism growth and prevent odours.















### SAFETY TECHNICAL SPECIFICATIONS

TOE CAP: Impact resistance mm ≥ 14 - TOE CAP: Compression resistance mm ≥ 14 - ANTI-PUNCTURE PLATE: Penetration resistance N ≥ 1.100 - FOOTWEAR: Antistatic properties (in wet condition) MΩ ≥ 0,1 27,2 FOOTWEAR: Antistatic properties (in dry condition) MΩ ≤ 1.000 368 UPPER: Water vapour permeability mg/cm2*h ≥ 0,8 0,9 UPPER: Water vapour coefficient mg/cm2 ≥ 15 15,1 UPPER: Water penetration after 60 min g ≤ 0,2 0 UPPER: Water absorption after 60 min % ≤ 30 2,6 INTERNAL LINING: Water vapour permeability mg/(cm2*h) ≥ 2,0 130.10 INTERNAL LINING: Water vapour coefficient mg/cm2 ≥ 20 1045.11 OUTSOLE: Abrasion resistance mm3 ≤ 150 43 OUTSOLE: Flexural resistance mm ≤ 4 0 OUTSOLE: Interlayer bond strength N/mm ≥ 4 4 OUTSOLE: Resistance to fuel oil (FO) % ≤ 12 4,3	Description	Measurement Unit	Requirement	Test Result
ANTI-PUNCTURE PLATE: Penetration resistance $N$ $\geq 1.100$ - FOOTWEAR: Antistatic properties (in wet condition) $M\Omega$ $\geq 0,1$ 27,2 FOOTWEAR: Antistatic properties (in dry condition) $M\Omega$ $\leq 1.000$ 368 UPPER: Water vapour permeability $mg/cm2*h$ $\geq 0,8$ 0,9 UPPER: Water vapour coefficient $mg/cm2$ $\geq 15$ 15,1 UPPER: Water penetration after 60 min $g$ $\leq 0,2$ 0 UPPER: Water absorption after 60 min $g$ $\leq 0,2$ 0 UPPER: Water absorption after 60 min $g$	TOE CAP: Impact resistance	mm	≥ 14	-
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	OUTSOLE: Resistance to fuel oil (FO)	%	≤ 12	4,3

### **ADDITIONAL FEATURES**

Test	<b>Measurement Unit</b>	Requirement	Results
Electrical resistance for ESD footwear	mA	≤ 1,00	-
Resistance to hot contact (HRO)	-	autsoles shall not melt and develop any cracks when bent	-
Cold insulation of outsole complex (CI) 30min/-17°C (temperature decrease on the upper surface of the insock)	°C	≤ 10	-
Heat insulation of outsole complex (HI) 30min/150°C	°C	≤ 22	-
Water resistance (WR) (Total wetted area inside the footwear)	cm2	after 80 min.	-
Electric hazard resistance (EH) 18kV / 60 Hz	ΜΩ	≤ 100	-

### **SOLE DESIGN AND PERFORMANCE**



TRACTION STABILITY GRIP BRAKING SELF-CLEANING LADDER GRIP

ENERGY ABSORPTION COEFFICIENT IN THE HEEL AREA

MINIMUM VALUE REQUIRED 20 TEST RESULT **75%** 

#### **INDUSTRIES**



#### 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 the influence of direct sunlight.
- Sandals, shoes and boots should be cleaned after each use; dry off the shoes, not in proximity to or in direct contact with stoves or other sources of heat. • Carry out the periodic treatment of the uppers with suitable products containing wax, grease, silicone, etc.
- Avoid contact with aggressive chemicals and extreme temperatures.
- Verify the good state before each use.

