**U GROUP SRL**
Via Borgomanero n°50
28040 Paruzzaro (NO)

**LEGAL DATA:**
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**CONTACTS:**
WEBSITE: www.u-power.it/it
EMAIL: info@u-power.it
TEL: +39 0322 53 94 01
FAX: +39 0322 23 00 01

**REV. 01/02/2024**

## DATA SHEET

UB10099 KALYSTA OB SR
Confort 11
SHOE TYPE “B”
SIZE RANGE 35-48
Size tested: 42 - WEIGHT 1.044

## PRODUCT PICTURE

## RANGES

URBAN

## TECHNOLOGIES

## DESCRIPTION

The shoe KALYSTA is equipped with a soft leather upper with amaranth microfiber inserts, lining and leather tongue that ensures comfort and well-being of the foot.

The perforated toe ensures greater breathability. Comfort is also increased by the leather insole and the polyurethane sole with Infinergy® insert.

Infinergy® insert, the soul of this revolutionary shoe is the technology that stores over 55% of energy and returns it at every step.

Born for the world of running, Infinergy® has transformed the traditional cushioning into dynamic cushioning, which uses the movement of the foot to store energy in the ground grip phase and return it when the foot pushes forward.

The first LIFESTYLE shoe branded U-Power characterized by:
- attractive look
- sporty design
- amazing comfort

| TECHNICAL SPECIFICATIONS | EN ISO STANDARD | VALUE |
|---|---|---|
| **SAFETY TOE CAP** | **20347:2022** | **RESULT** |
| Impact resistance. Free heights after collision mm | ≥ 14 | N.A. |
| Compressive strength. Free heights after compr. mm | ≥ 14 | N.A. |
| **INSOLE “N.A.”** | | |
| Puncture resistance N | ≥ 1100 | N.A. |
| **ELECTRICAL RESISTANCE CATEGORY** | $< 10^9 \Omega$ | N.A. |
| **UPPER DYNAMIC WATERPROOFING AFTER 60'** | | |
| Water absorption after 60' | ≤ 30% | N.A. |
| Water transmitted after 60' | ≤ 0.2 gr | N.A. |
| Permeability to water vapor mg/(cm$^2$ h) | ≥ 0.8 | 1.0 |
| Permeability coefficient mg/cm$^2$ | ≥ 15 | 20.1 |
| **VAMP LINING** | | |
| Permeability to water vapor mg/(cm$^2$ h) | ≥ 2 | 16.9 |
| Permeability coefficient mg/cm$^2$ | ≥ 20 | 142.3 |
| Resistance to abrasion - DRY cycles | 25600 cycles | No hole |
| Resistance to abrasion - WET cycles | 12800 cycles | No hole |
| **INSOLE** | | |
| Abrasion resistance | ≥ 400 cycles | No damage |
| **SOLE WEAR** | | |
| Abrasion resistance (volume loss) mm$^3$ | ≤ 150 | 28 |
| Bending resistance mm | ≤ 4 | 0.8 |
| Resistance to sole / midsole detachment N/mm | ≥ 3 | 3.6 |
| Heel energy absorption J | ≥ 20 | N.A. |
| **SLIP RESISTANCE** | | |
| Slip resistance on ceramic with NaLS (heel forward 7°) | ≥ 0.31 | 0.45 |
| Slip resistance on ceramic with NaLS (heel back 7°) | ≥ 0.36 | 0.42 |
| SR-Slip resistance on ceramic with glycerin (heel forward 7°) | ≥ 0.19 | 0.32 |
| SR-Slip resistance on ceramic with glycerin (heel back 7°) | ≥ 0.22 | 0.25 |