U GROUP SRL
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28040 Paruzzaro (NO)

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REV. 27/05/2024

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

Natural Confort 11 · Infinergy · Nickel Free · Metal Free 100% · U-Power Original

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