



USB Classic 220 Green

Highly breathable membrane with eco-friendly TPU functional film
Riwega | eternitycomfort

Rev.00

Technical data sheet
of 28/11/2024
Art. 02010220
of -

Material	PP-composite	 EN 13859 - 1
Film	TPU ecosostenibile	
Colour	Dark green	
Durability under integrated FTV	No	
Roll width	1,5 m	
Roll length	50 m	
Roll weight	17 Kg	
Classification in accordance with UNI 11470 (IT)	A	
Classification in accordance with ZVDH (DE)	UDB - USB	
Classification in accordance with Önorm B4119/B3661 (AT)	Typ I	
Classification in accordance with SIA 232-1 (CH)	UD EB-NB	
Classification in accordance with DTU (FR)	40.29	
Available in TOP SK version	02020315	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m ²	220 (±10g/m ²)
Sd value	EN ISO 12572	m	0,07 (+0,05/-0,02m)
Water vapour diffusion [DVA]	EN ISO 12572	g/m ² / 24h	ca.500
Water column	EN 20811	cm	> 500
Heavy rain test	TU Berlin	-	npd**
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD*	EN 12311-1	N/50mm	300 (±30N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	290 (±30N/50mm)
Elongation MD*	EN 12311-1	%	40 (±20%)
Elongation CD*	EN 12311-1	%	70 (±20%)
Resistance to tearing MD*	EN 12310-1	N	495 (±40N)
Resistance to tearing CD*	EN 12310-1	N	515 (±40N)
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	6
Temperature resistance	-	°C	-40 / +100
After artificial ageing			
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD/CD*	EN 12311-1	N/50mm	≥65***
Elongation MD/CD*	EN 12311-1	%	≥65***

Density	EN 1849-1	Kg/m ³	220
Thickness	EN 1849-2	mm	1,00
Vapour resistance coefficient [μ]	EN ISO 12572	-	70
Vapour permeability coefficient	-	Kg/m*s*Pa	2,7571*10 ⁻¹²
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

* MD= Machine Direction; CD= Cross Direction

**npd= no performance determined

***referred to the initial value

Riwega S.r.l. reserves the possibility to review or change these technical values. The updated technical data sheet can be found on the website www.riwega.com.
This data sheet replaces the previous copy.