

USB Micro Strong



Vapour control layer

Technical data sheet

02030195

Rev.04

09/01/2020

Material	PP.PP.PP	 EN 13984
Film	PP	
Colour	Beige	
Roll width	1,5 m	
Roll length	50 m	
Roll weight	18 Kg	
Classification in accordance with UNI 11470 (IT)	A	
Classification in accordance with SIA 232-1 (CH)	VO	
Classification in accordance with Onorm B4119/B3661 (AT)	Typ I	
Conforms to DTU (FR)	31.2	
Available in TOP SK version	Art.02020191	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m ²	230 (±10g/m2)
Air layer equivalent to the vapour passage [Sd]	EN ISO 12572	m	> 2
Water vapour diffusion [DVA]	EN ISO 12572	g/m ² / 24h	ca. 15
Water column	EN 20811	cm	> 900
Heavy rain test	TU Berlin	-	Passed
Resistance to water penetration	EN 13984 (EN1928 Met.A)	-	Passed
Tensile strength MD*	EN 12311-1	N/50mm	380 (±30N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	300 (±30N/50mm)
Elongation MD*	EN 12311-1	%	50 (±15%)
Elongation CD*	EN 12311-1	%	65 (±15%)
Resistance to tearing MD*	EN 12310-1	N	300 (±15N)
Resistance to tearing CD*	EN 12310-1	N	390 (±15N)
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	4
Temperature resistance	-	°C	-40 / +100
Durability			
Artificial ageing	EN 1926	-	Passed
Alkali resistance	EN 13984 (EN1928 Met.A)	-	Passed

Density	EN 1849-1	Kg/m ³	217
Thickness	EN 1849-2	mm	1,06
Vapour resistance coefficient [μ]	EN ISO 12572	-	1887
Vapour permeability coefficient	-	Kg/m*s*Pa	0,1023*10-12
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

* MD= Machine Direction; CD= Cross Direction.

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.