USB Micro

Vapour control layer

Technical data sheet
02030140 / 020301400
Rev.05 09/01/2020

Material	PP.PP.PP		CE
Film	PP		
Colour	Beige		
Roll width	1,5 m	3,0 m	EN 13984
Roll length	50 m		
Roll weight	12 Kg	24 Kg	10 years guarantee
Classification in accordance with UNI 11470 (IT)	B		
Classification in accorance with SIA 232 (CH)	VU-VO		
Classification in accordance with Önorm B4119/B3661 (A	Typ I		
Conforms to DTU (FR)	31.2		
Available in TOP SK version	Art.02020141		

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m^2	155 (±5g/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	> 550
Heavy rain test	TU Berlin	-	Passed
Resistance to water penetration	EN 13984 (EN1928 Met.A)	-	Passed
Tensile strength MD*	EN 12311-1	N/50mm	310 (±30N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	240 (±30N/50mm)
Elongation MD*	EN 12311-1	%	70 (±20%)
Elongation CD*	EN 12311-1	%	80 (±20%)
Resistance to tearing MD*	EN 12310-1	N	190 (±15N)
Resistance to tearing CD*	EN 12310-1	N	230 (±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	199
Thickness	EN 1849-2	mm	0,78
Vapour resistance coefficient [μ]	EN ISO 12572	-	2564
Vapour permeability coefficient	-	Kg/m*s*Pa	0,0753*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.