WB Sunscreen

TECHNICAL PROPERTIES

PROPERTY	METHOD	WB SUNSCREEN
Width		250 cm
Length		30 m
Weight	UNE-EN ISO 2286-2	540 gr/m²
Thickness	UNE-EN ISO 2286-3	0,75 mm
Weaving	Basket weave	17,5x8,5 h/cm-p/m
Openness factor		5%
Tensile strength	UNE-EN ISO 1421	145 daN/5cm weft 305 daN/5cm warp
Tear strength	UNE-EN ISO 4674-1	42 daN weft 84 daN warp
Adhesion	UNE-EN ISO 2411	6 kgf/3cm
Resistance to temperature		-30°C to +80°C
Flame retardant	UNE 23727	M2
Fastness to light	UNE-EN ISO 105-B04	7 bluescale (8)

SOLAR OPTICAL PROPERTIES*

Colour	TS	RS	AS	TV	Gtot exterior	Gtot interior
SUN011 White	25	55	20	17	0,17	0,39
SUN012 White / Crème	24	54	22	17	0,17	0,40
SUN015 White / Grey	16	48	16	16	0,12	0,41
SUN051 Grey / White	12	31	57	13	0,11	0,51
SUN056 Grey / Dark Grey	11	16	73	7	0,11	0,51
SUN066 Dark Grey	10	15	75	7	0,11	0,52
SUN067 Dark Grey / Black	9	13	78	7	0,10	0,52
SUN076 Black / Dark Grey	8	10	82	6	0,10	0,53
SUN077 Black	8	7	85	6	0,10	0,54

*

TS = Solar Transmittance — part of the solar radiation that goes through the fabric is transmitted to the room
RS = Solar Reflection — part of the solar radiation that is reflected on the fabric goes outside
AS = Solar Absorbtion — part of the solar radiation that is absorbed by the fabric
TS + RS + AS = total solar radiation

TV = percentage of visible spectrum radiation that goes through the fabric

Gtot int. = factor for solar energy that actually enters the room through the fabric and the glass (applied on the inside)
Gtot ext. = factor for solar energy that actually enters the room through the fabric and the glass (applied on the outside)