

VALMEX® FR membrane structure materials

Light and thermal properties

	Colour	A	B	C	D	E
Solar transmission (at 550 nm)	approx	5%	0%	0.5%	0%	12%
Solar reflection (at 550 nm)	approx	85%	85%	70%	40%	85%
Solar absorption (at 550 nm)	approx	10%	15%	30%	60%	3%
UV-transmission (<380 nm)		0%	0%	0%	0%	0%

A = translucent, standard white, depending on type, exact value upon request

B = opaque white

C = colour 141 pearlwhite

D = colour 852 sandstone

E = highly translucent, white 919/008 (Type II)

Thermal conductivity: approx 0,18 watt/meter x Kelvin

Heat transfer co-efficient: approx 5,7 watt/sqm x Kelvin



Mehler Technologies SARL

Bât. A1 – 3 chemin des Cytises – 69340 Francheville

Tel : 04 72 66 10 00 – Fax : 04 72 66 60 38

info-fr@mehler-technologies.com – www.mehler-technologies.com