

Laminate and Performance Data for Saflex® Interlayer

PROPERTIES OF SAFLEX INTERLAYER

Saflex® IIIG Physical Property Data (Interlayer Only)				
Property*	Units	Temperature	Test	Typical Values
Emissivity	–	19.5°C	ASTM C1371	0.94
Linear Coefficient of Thermal Expansion (for x-y direction)	1/°C	-40 to 5°C	Rheometrics Solids Analyzer	2.11 x 10 ⁻⁴
Tensile Strength	kg/cm ²	23°C	JIS K6771	260
Elongation	% strain	23°C	JIS K6771	220
Specific Heat	J/kg°K	40 to 80°C	ASTM E1269	2190
Thermal Conductivity	W/m K	32 to 90°C	ASTM D5930	0.200
Specific Gravity	–	22°C	ASTM D792	1.07
Refractive Index	–	23°C	Interference Microscopy	1.485

* All data based on the measurement of Saflex IIIG interlayer, RB-41 formulation.

The data set forth in this table are based on samples tested and are not guaranteed for all samples or applications. The data are intended as guides and do not reflect product specifications for any particular property.

PROPERTIES OF SAFLEX HP INTERLAYER

Saflex® HP Physical Property Data (Interlayer Only)				
Property*	Units	Temperature	Test	Typical Values
Emissivity	–	19.5°C	ASTM C1371	0.94
Linear Coefficient of Thermal Expansion (for x-y direction)	1/°C	-40 to 5°C	Rheometrics Solids Analyzer	2.0 x 10 ⁻⁴
Tensile Strength	kg/cm ²	23°C	JIS K6771	240
Elongation	% strain	23°C	JIS K6771	190
Specific Heat	J/kg°K	40 to 80°C	ASTM E1269	2190
Thermal Conductivity	W/m K	32 to 90°C	ASTM D5930	0.200
Specific Gravity	–	22°C	ASTM D792	1.06
Refractive Index	–	23°C	Interference Microscopy	1.488

* All values based on measurement of Saflex HP-J1 interlayer.

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