

# EVASKY data sheet (fast cure)

Properties		Units	Test method	S11
Ultimate tensile strength		Mpa	ISO 527-3	30
Ultimate elongation		%	ISO 527-3	470
Elastic modulus		MPa	ISO 527-3	31
Specific gravity (cured film)		g/cm <sup>3</sup>	ASTM D5105	0.95
Hardness Shore A		-	JIS K 7215	70-80
Glass-transition point (cured film)		°C	DSC	-38
Water absorption (20°C x 24hrs)		%	JIS K 7209	<0.1
Cure torque (150°C x 15min)		N·cm	JIS K 6300	59
Volume resistivity		Ω·cm	-	>1.0 x 10 <sup>14</sup>
Breakdown voltage		kV/mm	JIS C 2318	19
Optical transmission * (400-700nm)	Initial	%	JIS K 7361	91
	SWM 1000hrs	%	JIS K 7361	91
	85°C x 85% RH 1000hrs	%	JIS K 7361	91
Yellow index *	Initial	-	JIS K 7105	0.9
	SWM 1000hrs	-	JIS K 7105	1.3
	85°C x 85% RH 1000hrs	-	JIS K 7105	-0.9
Refractive index		-	-	1.48
UV cut off wave length*	Transmittance <5%	nm	-	353
	Transmittance <0.5%	nm	-	340
Specific heat (cured film)		Cal/K·g	-	0.56
Thermal conductivity		kcal/m·h·°C	-	0.21
Adhesion to glass		N/cm	-	30

\*) Laminated structure : glass(3mm thickness) / EVASKY(0.6mm thickness) / glass(3mm thickness)  
 Test condition : 25°C