

Product Data Sheet
VISTASOLAR® EVA Encapsulant
Type: 488.10 – Fast Cure – Transparent



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Technical Properties	Test method	Unit	Uncured	Cured
Density	ISO 1183-3	g/cm ³	0.96	0.96
Tensile strength	MD ISO 527-3	N/mm ³	8-10	17-19 ⁽¹⁾
	TD		8-10	17-19 ⁽¹⁾
Elongation at break	MD ISO 527-3	%	> 500	> 500 ⁽¹⁾
	TD	%	> 500	> 500 ⁽¹⁾
Secant modulus at 1% elongation	ISO 527-3	N/mm ³	5-6	10-14 ⁽¹⁾
Shrinkage on glass (120°C/5 min)	Solutia Internal	MD%	--	< 5
		TD%	--	< 5
Hardness shore A	DIN 53 505	--	--	68-72 ⁽¹⁾
Thermal elongation at temperature	ISO 11359-2			
< -43°C (glass transition)		K ⁻¹	.92 x 10 ⁻⁴	.86 x 10 ⁻⁴
-43 bis -20°C		K ⁻¹	1.13 x 10 ⁻⁴	1.25 x 10 ⁻⁴
-19 bis +10°C		K ⁻¹	1.65 x 10 ⁻⁴	2.25 x 10 ⁻⁴
> 10°C		K ⁻¹	2.62 x 10 ⁻⁴	2.95 x 10 ⁻⁴
Optical reflection (390–1105 nm)	Solutia Internal	%	--	6-7
Optical transmission (390–1105 nm)	Solutia Internal	%	--	> 92
UV Cut off	Solutia Internal	nm	--	360
Refractive index	ISO 489	--	--	1.485

This technical information is intended as a guideline only.

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