

Typical Physical Properties (data not for specification purposes)

	Items	Test Method	Units	Typical Value		
				EVA9110T	EVA9120B	
Physical	Thickness	ASTM F2251	mm	0.4-0.65		
	Density (Uncured)	ASTM D792	g/cm ³	0.92		
	Tensile (Cured)	MD	ASTM D882	MPa	18	
		TD		MPa	16	
	Elongation (Cured)	MD		%	960	
		TD		%	810	
	Adhesion to Glass	ASTM D903	N/cm	100		
Water Absorption (Cured)	ASTM D570	wt%	0.12			
Electrical	Volume Resistivity (Cured)	ASTM D257	Ω·cm	1.1 × 10 ⁶		
Optical	Refractive Index (Cured)	ASTM D542	–	1.49		
	Transmittance (Cured)	ASTM D1003	%	92	91	
	UV-Cut Off (Cured)	–	nm	310	390	
Thermal	CTE (Cured)	ASTM E831	μm/m°C	280		
Durability	UV Resistance (32kWh/m					

Suggested Laminating Conditions

Condition	Suggested Value U.S. (metric)
Lamination Temperature	293 – 311°F (145 – 155°C)
Evacuation Time	3 – 5 minutes
Press Time	8 – 13 minutes

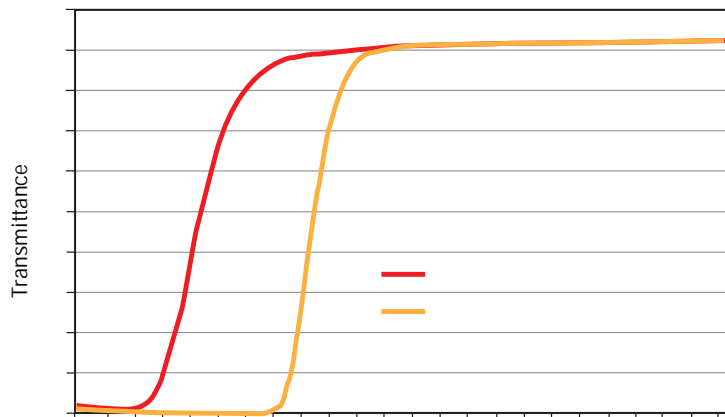


Figure 1 Comparative transmittance of EVA9110T and EVA9120B

For more information on our solar manufacturing product line, contact 3M Renewable Energy at 800-755-2654 or visit us at www.3M.com/



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