



# ZHEJIANG FEIYU NEW ENERGY CO., LTD

## FY08P, FY10P POE FILM

	Unit	Test Method	Typical Value	
			FY08P	FY10P
Nominal Thickness	mm	ASTM F2251	0.45~0.75	
Unit Weight	g/m <sup>2</sup>	FEIYU METHOD	±20	
Roll Length	m/roll		100/150/200	
Width	mm		Customization +3	
Density	g/cm <sup>3</sup>	ASTMD792	0.88	
Tensile	MD	Mpa	22	
	TD	MPa	20	
Elongation	MD	%	500	
	TD	%	500	
Shrinkage Rate(120°C, 3min)	MD	%	<3.0	
	TD	%	<1.5	
UV-Cutoff Wave Length	nm	~~	250	360
Light Transmittance	1100nm-380nm	%	ASTM D1003	
	380nm-290nm	%	>90	>90
UV Resistance (32kWh/m <sup>2</sup> ) Δb*	~	ASTM G154	>80	<30
UV Resistance (32kWh/m <sup>2</sup> ) ΔT%	~		1.4	0.5
Damp Heat Resistance (85% RH, 85° C 1000h)	Δ Y	IEC 61215	2	1
Damp Heat Resistance (85% RH, 85° C 1000h)	Δ Y		<2	<2
Gel Content	%		<3	<3
Volume Resistivity	Ω. cm		>75	
Peeling Strength from Glass	N/cm	ASTM D257	>1*10 <sup>17</sup>	
Peeling Strength from BS	N/cm	ASTM D903	>80	
Water Absorption	wt%	ASTM D903	>80	
Inner Packing & Shift Life	~	ASTM D570	0.12	
		~	Plastic Bag,	9 months

Nominal Temperature:145-150°C

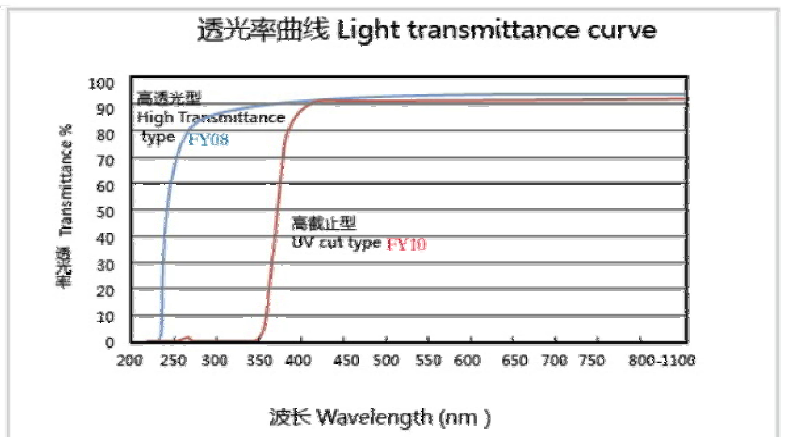
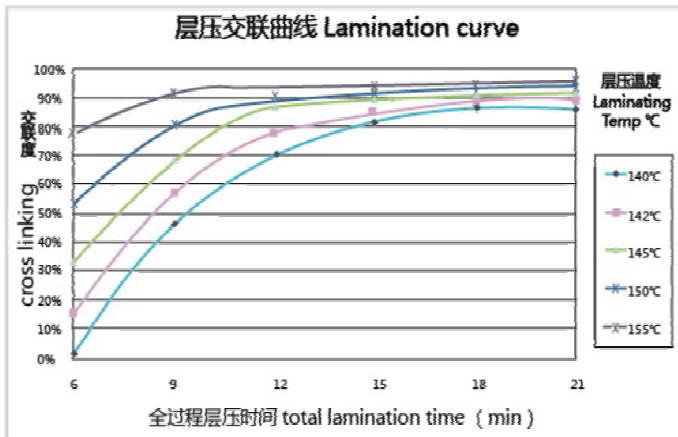
Vacuum Range:<60mbar

Evacuation Time:3-4min

Platen Temperature:143-153°C

Cure Time: 10-15 min

Applied Bladder Pressure:910mbar



Any questions, please contact by Email: [zj0570@feiyusolar.com](mailto:zj0570@feiyusolar.com)