

# EVA Film Test Report

## 1.14mm Performance Parameter

Item	Unit	Testing Methods	High Transparent
Thickness	MM	CAQC01	1.14
Roll Width	mm	330~2600	2450
VA Content	%		28
Melting Index	g/min		25
Melting Point	°C		78
Specific Gravity	g/cm <sup>3</sup>		0.958
Water Absorption Rate	%		<0.1
Peel Strength from Glass	N/cm	ASTM D903	106.7
Peel Strength from Back Sheet	N/cm	ASTM D903	>106.7
Shrinkage Rate on High Temperature Resistant Fabric (120°C, 3min) - Crosswise (TD)	%	ASTM D1204	1.12
Shrinkage Rate on High Temperature Resistant Fabric (120°C, 3min) - Lengthwise (MD)	%	ASTM D1204	1.98
Light Transmittance	%	ASTM D1003	91.3
Haze	%	ASTM D1003	0.38
Complete Cross Link (150°C, 30min)	%	ASTM D2765	75~90
Tensile Strength	Mpa	ASTM D882	20.5
Elongation at Break	%	ASTM D882	868.4
Elongation Modulus	Mpa	ASTM D882	13

UV Cut (4mm+0.4mm+4mm) (280-360nm)	%	ASTM D154	99.2
Ball Impact (Height 3m, Ball Weight 2.13kg)		GB15763-2009	Conforms
High Temp. Water Boiling (4 hrs)		T/ZBH013-2019	Conforms
Anti-UV Aging for 1000 hrs - Yellowish	△YI	ASTM D154	1.26
Anti-UV Aging for 1000 hrs - Light Transmittance Change	%		0.2
Anti-humid and Heat (85℃ 85% humidity for 1000 hr) - Yellowish	△YI	IEC68	1.98
Anti-humid and Heat (85℃ 85% humidity for 1000 hr) - Light Transmittance Change	%	IEC68	0.6