

Testing Properties of Glass Laminated EVA Film

Testing Outdoor Aging Life of EVA Film

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Testing UV Radiation Resistance Properties of Glass Laminated EVA Film

Testing UV Radiation Resistance of EVA Film

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Testing UV Radiation Reststance Properties of Glass Laminated EVA Film

- Make the laminated glass with EVA FILM subjecting to 2000 hours of radiation. The samples of laminated glass with EVA Film are placed at a distance of 1,100mm from 16 ULTRAVITALUX lamps which was form a 1m*1m field. The temperature is maintained at 45°C (5°C tolerance)and the humidity is 50%.

Testing UV Radiation Reststance Properties of Glass Laminated EVA Film

- To measure the durability, the luminous transmission has been measured by the wavelength between 380nm and 780nm before 2,000 hours of exposure to the ULTRAVITALUX lamps.
- A minimum 3 transmission measurements have been taken from each laminated glass sample and the average has been calculated from these datas.
- In the end, compare the differences of Light Transmittance and check the presence of any faults(bubbles, opaqueness, degumming etc)

Testing Humidity Resistance Properties of Glass Laminated EVA Film

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Testing Humidity Resistance Properties of Glass Laminated EVA Film

- Placing the laminated glass with EVA FILM samples vertically inside the climatic chamber and maintaining them for two weeks at a temperature of 50 degrees and 95% relative humidity. Water condensation on the surface of the laminated glass samples is allowed.
- No bubbles or opaqueness are noted in the spacer in any of the laminated glass samples tested.

Testing Adhesive Strength Properties of Glass Laminated EVA Film

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Testing Adhesive Strength Properties of Glass Laminated EVA Film

- 180° peeling
- 90° peeling

Testing Adhesive Strength of EVA Film
180 degrees peeling

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- EVA FILM FOR LAMINATED GLASS
- PVB FILM FOR LAMINATED GLASS
- PDLC FILM FOR SMART GLASS
- GLASS HARDWARES FOR GLASS FIXING SYSTEM

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