江苏象化科技有限公司
JIANGSU ELEPHCHEM HOLDING LIMITED

Technical Data Sheet of

PolyVinyl Butyral Film(PVB film)

Chemical Name: Polyvinyl butyral film

Technical Data of Polyvinyl Alcohol Film (PVA film):

Density	1.069g/cm³
Transmittance	≥88.5% (Note 1)
Tefractive Index	1.47-1.50 (Note 1)
Tensile Stre	≥20Mpa (Note 2)
Elongation at break	≥200% (Note 2)
Moisture	0.35-0.55% (Note 3)
Ration of shrinkage	≤6% (Note 4)
Test of strike	3-9 (Note 1)
Deviation of width	expected value +10mm (Note 1)

Application

PVB film can be widely used in building laminated glass, automotive laminated glass, solar photovoltaic glass, bulletproof glass, soundproof glass, etc. It has good safety and prevents the glass from being broken due to external force and debris splashing and injuring people. In addition, it has UV protection, can be made into color or high transparency, and has optical application value such as the application of solar photovoltaics. PVB film has been used in building curtain wall glass for 70 years, and in the regulations of automotive and construction industry,PVB film is required for safety protection.

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Note

1.It was measured in a combination of 2mm colorless glass + 0.38mm interlayer + 2mm colorless glass.
2.Measured at a temperature of 20°C and a relative humidity of 40%.
3.Adjustments can be made to specific requirements.
4.It was measured after 15 minutes at a temperature of 60°C and a relative humidity of 40%.

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