HUAKAI
Safety in layers.

PRODUCT DATA SHEET / PVB

# Clear PVB Interlayers

Clear PVB interlayer film for laminated architectural and automotive glass.
Available in multiple thicknesses and rolls up to 4.6 m wide.

**UP TO 4.6 M WIDTH** | **CLEAR OPTICAL FINISH** | **ARCHITECTURAL & AUTOMOTIVE**

## TECHNICAL PROPERTIES

| PROPERTY | 0.38 mm | 0.76 mm | 1.52 mm | REFERENCE METHOD |
|---|---|---|---|---|
| **Appearance** | Clear | Clear | Clear | Visual inspection |
| **Available width (mm)** | 600–4,600 | 600–4,600 | 600–4,600 | Dimensional |
| **Roll length (m)** | 450 | 250 | 150 | Dimensional |
| **Thickness tolerance (mm)** | ±0.02 | ±0.02 | ±0.03 | ISO 4593[1] |
| **Moisture content (%)** | <0.5 | <0.5 | <0.5 | ISO 15512[1] |
| **Tensile strength (MPa)** | ≥20 | ≥20 | ≥20 | EN ISO 527[1] |
| **Elongation at break (%)** | ≥200 | ≥200 | ≥200 | EN ISO 527[1] |
| **Surface roughness Rz (µm)** | 20–40 | 20–40 | 20–40 | Supplier method |
| **Haze (%)** | <0.3 | <0.4 | <0.7 | ASTM D1003[1] |
| **Yellowness index** | <1 | <1 | <1 | ASTM E313[1] |
| **Light transmission (%)** | ≥88 | ≥88 | ≥88 | EN 410[1] |
| **Shrinkage (%)** | <8 | <4 | <2 | Supplier method |
| **Pummel – Architectural** | >6.5 | >6.5 | >6.5 | ASTM C1908[1] |
| **Pummel – Automotive** | 5.0–6.0 | 5.0–6.0 | 5.0–6.0 | Supplier method |
| **UV ageing (750 W UV lamp, 2,000 h), change (%)** | ≤2 | ≤2 | ≤2 | Supplier method |
| **Tear resistance** | 112 | 112 | 112 | ASTM D1004 |
| **Impact safety – shot bag** | Passed | Passed | Passed | GB/T 15763.3-2025 |

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