HUAKAI
Safety in layers.

PRODUCT DATA SHEET / IONOPLAST

Ionoplast Interlayers

High-performance ionoplast interlayers for structural laminated glass.
Designed for demanding architectural glazing applications.

STRUCTURAL GLAZING | **HIGH-STIFFNESS INTERLAYER** | **CLEAR FINISH**

TECHNICAL PROPERTIES

PROPERTY	HUAKAI IONOPLAST	REFERENCE METHOD
Tensile strength (MPa)	34	ASTM D638
Elongation at break (%)	385	ASTM D412
Specific gravity	0.95	ASTM D792
Haze (%)	<0.5	ASTM D1003-21
Yellowness index	<1.5	ASTM E313-20 (2025)
Refractive index	1.5	ASTM D1003-21
Light transmission (%)	≥89	ASTM D1003-21
Moisture content (%)	<0.1	SH/T 1770-2010
Available thicknesses (mm)	0.76 / 0.89 / 1.14 / 1.52	Dimensional
Catalogue roll width (mm)	500–3,300	Dimensional
Tear strength (MJ/m³)	49	ASTM D638
Flame-spread index	30	ASTM E84
Combustion index	215	ASTM E84

The information provided reflects our present technical understanding and is supplied for general guidance only. The properties shown are typical or stated specification values and do not replace independent evaluation of product suitability for a particular application. Specifications may change as additional knowledge and test results become available. As processing and end-use conditions are beyond our control, HUAKAI makes no warranty regarding the suitability of this information for any particular purpose and accepts no liability arising from its use, to the extent permitted by law. Nothing in this document grants rights under any patent or other intellectual property.