Reflecting Tomorrow

DYNAMO TINT

TECHNICAL SPECIFICATIONS

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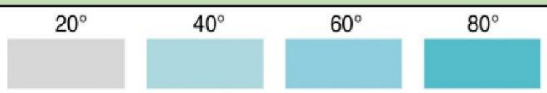
PRODUCT FEATURES

HOW DOES IT WORKS

Dynamo Tint Glass reacts to heat from the sunlight and helps to regulate the temperature of any environment. It is designed to manage a building's changing needs through out the day. Dynamo Tint Glass is able to respond to the surrounding environment. This passive approach significantly reduces the need for artificial lighting and cooling. Enhancing the occupant comfort, while significantly reducing energy consumption and cost incurred to cool the building.

Dynamo Tint Interlayer Film Specification

CE IC FC RoHS

Product Description		Dynamo Tint Interlayer film
Part No	D1	D1 
	D2	D2 
Thickness		0.76mm
Main Material		Special PVB and other material
Appearance quality		Flat surface, no scratch, crease, uniform color
Dot defect		Point defects with diameter ⩾ 3mm are not allowed to exist
		0.5mm < diameter < 3mm allowed 2 points per 200m
		The point defect of diameter ⩽ 0.5mm is not considered as defect, but if the diameter ⩽ 0.5mm is dense, Each dense region is considered a defect with a diameter > 0.5mm.
Geometric dimension	Thickness mm	0.76mm+-0.02
	Uniformity degree	Deviation of thickness between transverse and longitudinal arbitrary two points in 100mm distance. Less than 40 μ m
	Length	Not less than the tagged length
	Width	Not less than the tagged width
Surface roughness Rz		15～70
Water content(%)		≦0.55
Tensile strength(Mpa)		⩾20.0
Elongation at break(%)		⩾200
Haze（%）		≦5
Heat shrinkage(%)		⩽15
Knock value		⩾7
Visible light transmittance ratio		Customized according to customer
Ultraviolet transmittance		≦0.5%
Radiation resistance		The elongation at break and tensile strength of 2000H spectrum after irradiation are not more than 20% of the initial value.
Color	0℃	Δ E > 1.5, with 25 ℃ sample as standard
	25℃	The L/A/B value is adjustable, the color difference of the same film is Δ E < 1.
	40℃	Δ E > 5, with 25 ℃ sample as standard
	60℃	Δ E > 10, with 25 ℃ sample as standard
	80℃	Δ E > 20, with 25 ℃ sample as standard

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