

PRODUCT DATASHEET

WeeTect Frosted Window Film (WFWF)



WeeTect Frosted Window Film (WFWF) also names privacy window film or frost film. It can be adhered on the general glass surface to make the window frosting but keep the high percent of light transmission. WeeTect Frosted Window Film (WFWF) is an easy and economical way to add decorative elegance of frosted glass film to any flat glass surface such as windows, glass doors, cabinet doors, shower doors, glass tables and more.

WeeTect Frosted Window Film (WFWF) offers excellent frosted affection, abrasion resistance properties as well as impact resistance and even explosion proof. A perfect match for all windows, WeeTect Frosted Window Film (WFWF)'s sustainable performance is long lasting while also helping you save time and cost. WeeTect is a perfect business partner for you as we only serve for business market with competitive price and sustainable quality.

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WeeTect Frosted Window Film (WFWF) Technical Data

Item	Property	Test Method	U/M	Value
Optical	Light transmission 1mm	ASTM D 1003	%	>5
	Haze	ASTM D 1003	%	>=99
	IR Resistant Rate		%	>= 98
	UV Resistant Rate		%	>=99
Mechanical	Hardness 1KG	ISO 178	H	4
	High velocity impact	ANSI Z87.1 2010	ft/s	>300
	Cross-Cut tape test	ASTM D 1000	NA	Pass
	Elongation, yield % 7	ISO 527	%	7
	Elongation, break ISO 527 % 110	ISO 527	%	110
	Tensile stress, yield	ISO 527	Mpa	60
	Tensile modulus MPa	ISO 527	Mpa	2300
	Flexural strength, yield	ISO 178	Mpa	100
	Flexural modulus ISO 178 MPa 2500	ISO 178	Mpa	2500
	Izod notched impact, 20 °C	ISO 180-1A	KJ/m ²	65
Physical	Gravity	ISO 1183	g/cm ³	1.2
	Water absorption, 24 hours	ISO 62	%	0.15
Thermal	Mold shrinkage	ISO527	%	0.5-0.7
	Thermal expansion	ASTM D696	1/ °C	7x10-5
	Vicat Softening Temp., Rate B / 120(base sheet)	ISO 306	°C	150
	HDT, 0.45 MPa	ISO 75/Be	°C	138