

OPTIC W

PREMIUM CERAMIC TINTING FILM

05

15

35



REPELS HEAT

Blocks the solar energy.



REFLECTS UV

High-quality tinting film that blocks 99% of UV A & B.



SHATTERPROOF

Minimize fatality in case of accidents.



NON-METALLIC

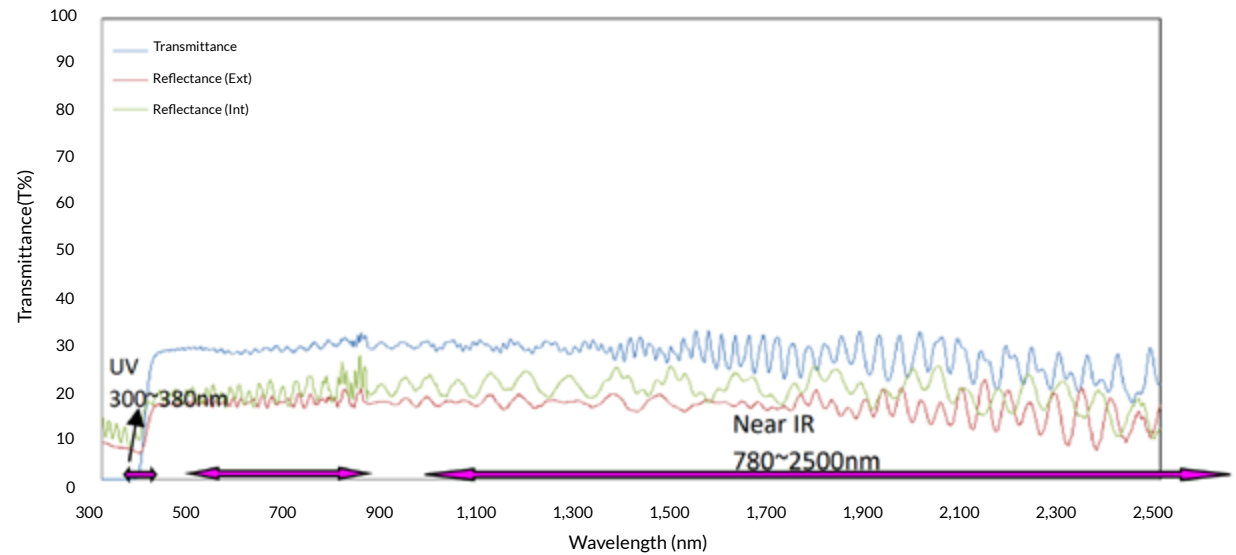
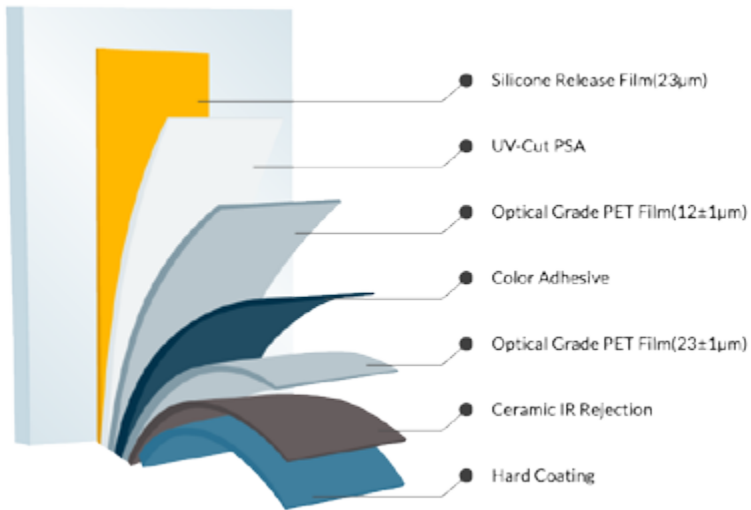
Materials that do not interfere with radio wave signals.

OPTIC W 05

Optical properties of 5mm clear glass with applied film Optic W 05.

	% Visible Light Transmission	% Visible Light Reflection	% Total Solar Energy Rejection	% Solar Energy			% Rejection	% Glare Reduction	Solar Heat Gain Coefficient	% Infrared Light Rejection	
	VLT	VLR	TSER	Transmittance	Reflectance	Absorbance	UV	GR	SHGC	780~2500nm	900~1000nm
OPTIC W 05	5	5.5	62	10.8	5	84.2	99.9	94.45	0.39	91.8	81.9

Thickness: 1.5Mil/2Ply



Note: Total Solar Energy Rejection = 1-SHGC (Solar Heat Gain Coefficient)

Ultraviolet Ray Rejection = 1-UV Transmission

Glare Reduction is the percentage reduction in visible light transmission through glass, from glass without film to that with film and calculated as $(VLT1-VLT2/VLT1) \times 100\%$, where, VLT1 is the visible light transmission of the glass without film, VLT2 is the visible light transmission of glass with film.

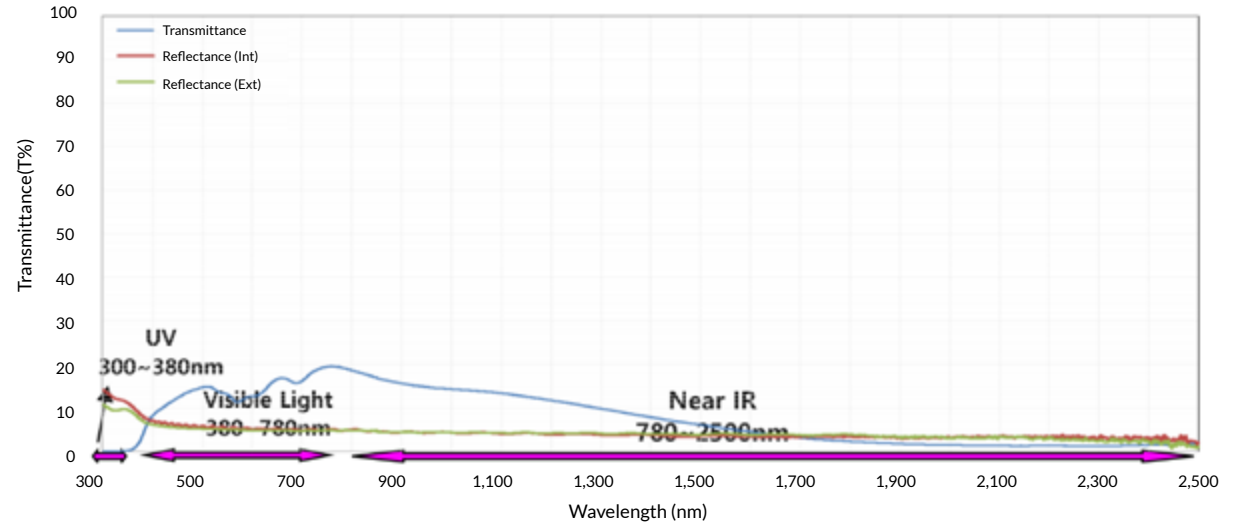
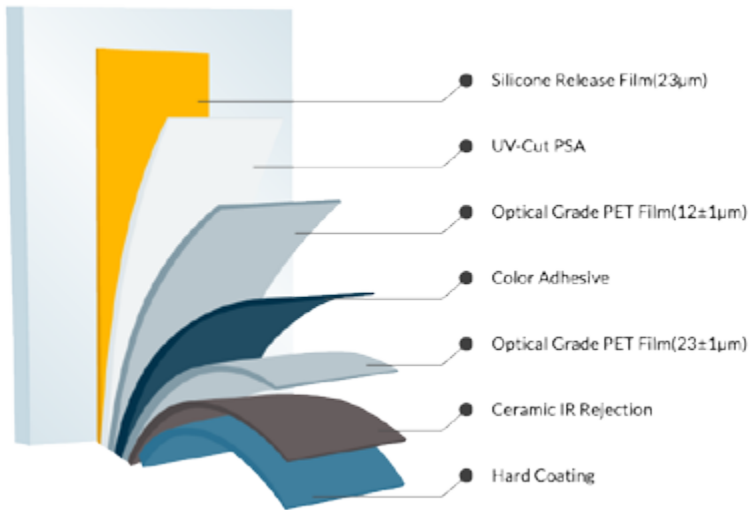
The data was prepared in the format required by IGDB and imported in OPTICS. The film side of the glass faces the indoor environment.

OPTIC W 15

Optical properties of 5mm clear glass with applied film Optic W 15.

	% Visible Light Transmission	% Visible Light Reflection	% Total Solar Energy Rejection	% Solar Energy			% Rejection	% Glare Reduction	Solar Heat Gain Coefficient	% Infrared Light Rejection	
	VLT	VLR	TSER	Transmittance	Reflectance	Absorbance	UV	GR	SHGC	780~2500nm	900~1000nm
OPTIC W 15	13.3	5.5	60	13.2	4.8	82	99.9	82.2	0.4	94	81

Thickness: 1.5Mil/2Ply



Note: Total Solar Energy Rejection = 1-SHGC (Solar Heat Gain Coefficient)

Ultraviolet Ray Rejection = 1-UV Transmission

Glare Reduction is the percentage reduction in visible light transmission through glass, from glass without film to that with film and calculated as $(VLT1-VLT2/VLT1) \times 100\%$, where, VLT1 is the visible light transmission of the glass without film, VLT2 is the visible light transmission of glass with film.

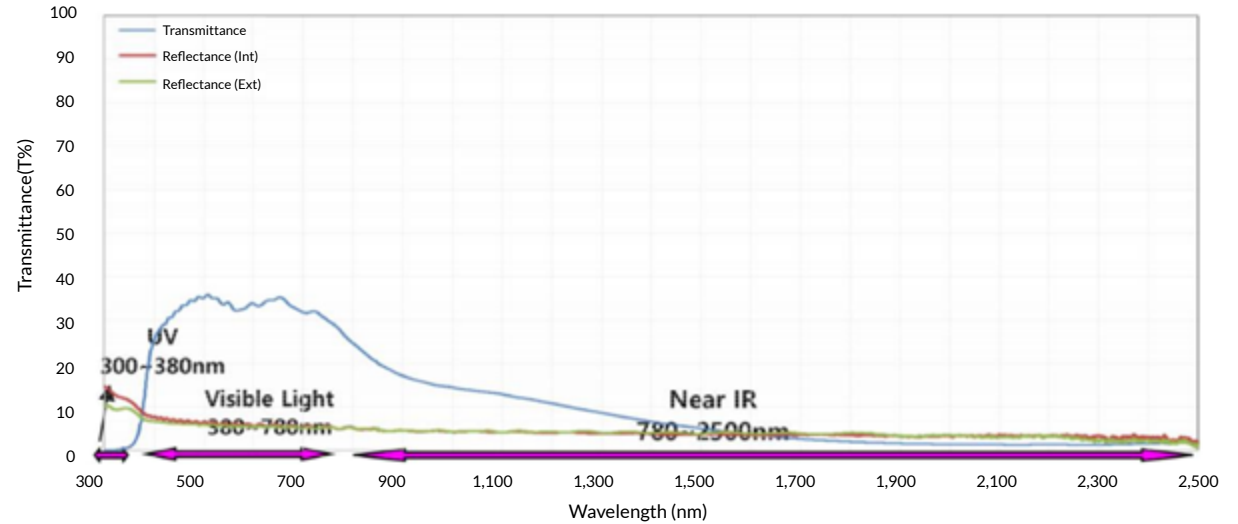
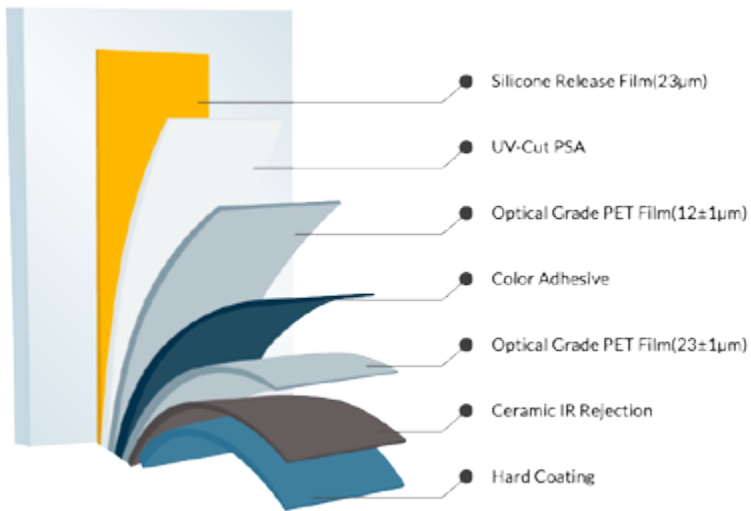
The data was prepared in the format required by IGDB and imported in OPTICS. The film side of the glass faces the indoor environment.

OPTIC W 35

Optical properties of 5mm clear glass with applied film Optic W 35.

	% Visible Light Transmission	% Visible Light Reflection	% Total Solar Energy Rejection	% Solar Energy			% Rejection	% Glare Reduction	Solar Heat Gain Coefficient	% Infrared Light Rejection	
	VLT	VLR	TSER	Transmittance	Reflectance	Absorbance	UV	GR	SHGC	780~2500nm	900~1000nm
OPTIC W 35	33	5.5	56	22.8	5.1	72.1	99.9	60.2	0.47	94	85

Thickness: 1.5Mil/2Ply



Note: Total Solar Energy Rejection = 1-SHGC (Solar Heat Gain Coefficient)

Ultraviolet Ray Rejection = 1-UV Transmission

Glare Reduction is the percentage reduction in visible light transmission through glass, from glass without film to that with film and calculated as $(VLT1-VLT2/VLT1) \times 100\%$, where, VLT1 is the visible light transmission of the glass without film, VLT2 is the visible light transmission of glass with film.

The data was prepared in the format required by IGDB and imported in OPTICS. The film side of the glass faces the indoor environment.



OPTIC W

Optical properties of 5mm clear glass with applied film Optic W.

	% Visible Light Transmission VLT	% Visible Light Reflection VLR	% Total Solar Energy Rejection TSER	% Solar Energy			% Rejection UV	% Glare Reduction GR	Solar Heat Gain Coefficient SHGC	% Infrared Light Rejection	
				Transmittance	Reflectance	Absorbance				780~2500nm	900~1000nm
										IRR	IRR
OPTIC W 05	5	5.5	62	10.8	5	84.2	99.9	94.45	0.39	91.8	81.9
OPTIC W 15	13.3	5.5	60	13.2	4.8	82	99.9	82.2	0.4	94	81
OPTIC W 35	33	5.5	56	22.8	5.1	72.1	99.9	60.2	0.47	94	85

Note: Total Solar Energy Rejection = 1-SHGC (Solar Heat Gain Coefficient)

Ultraviolet Ray Rejection = 1-UV Transmission

Glare Reduction is the percentage reduction in visible light transmission through glass, from glass without film to that with film and calculated as $(VLT1-VLT2/VLT1) \times 100\%$, where, VLT1 is the visible light transmission of the glass without film, VLT2 is the visible light transmission of glass with film.

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