

VIOLET 70S (7010)



VIOLET 7010S is sputtered IR film with enhanced solar heat-rejection performance.

- * It has a high visible light transmittance below haze 1.0.
- * Can perform tinting work easily more by using excellent heat shrinkage of film.
- * Beautiful and natural color category. * No oxidation risk at all.
- * Minimizes metal components to prevent Hi-pass/communication failures compared to other sputtering products, and uses the fewest metals.

Item		Unit	Value	Test Method
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	12.8	KS L 2514
	Reflectance (ext.)	%	13.0	
	Reflectance (int.)	%	6.7	
	Absorbance	%	74.2	
Solar Heat	Transmittance	%	18.8	KS L 2514
	Reflectance (ext.)	%	26.1	
	Reflectance (int.)	%	13.6	
	Absorbance	%	55.1	
Infrared Ray	Rejected 950nm	%	81	LS 160
	Rejected 1400nm	%	83	LS 160A
Shading Coefficient			0.43	KS L 2016
U-Value		W/m ² K	5.8	
TSER		%	66.4	KS L 2514
Thickness		mil	2.5	
Color			Light Violet	



UShield is a researcher and manufacturer producing significant energy efficient products and providing with energy saving solution in variety of industries.

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VIOLET 70S (7030)



VIOLET 7030S is sputtered IR film with enhanced solar heat-rejection performance.

- * It has a high visible light transmittance below haze 1.0.
- * Can perform tinting work easily more by using excellent heat shrinkage of film.
- * Beautiful and natural color category. * No oxidation risk at all.
- * Minimizes metal components to prevent Hi-pass/communication failures compared to other sputtering products, and uses the fewest metals.

Item		Unit	Value	Test Method
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	33.4	KS L 2514
	Reflectance (ext.)	%	16.1	
	Reflectance (int.)	%	16.7	
	Absorbance	%	50.5	
Solar Heat	Transmittance	%	35.4	KS L 2514
	Reflectance (ext.)	%	26.4	
	Reflectance (int.)	%	23.4	
	Absorbance	%	38.2	
Infrared Ray	Rejected 950nm	%	69	LS 160
	Rejected 1400nm	%	77	LS 160A
Shading Coefficient			0.55	KS L 2016
U-Value		W/m ² K	5.80	
TSER		%	54.4	KS L 2514
Thickness		mil	1.5	
Color			Light Violet	



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VIOLET 90S (9010)



VIOLET 9010S is sputtered IR film with enhanced solar heat-rejection performance.

- * It has a high visible light transmittance below haze 1.0.
- * Can perform tinting work easily more by using excellent heat shrinkage of film.
- * Beautiful and natural color category. * No oxidation risk at all.
- * Minimizes metal components to prevent Hi-pass/communication failures compared to other sputtering products, and uses the fewest metals.

Item		Unit	Value	Test Method
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	10.3	KS L 2514
	Reflectance (ext.)	%	14.5	
	Reflectance (int.)	%	9.0	
	Absorbance	%	75.2	
Solar Heat	Transmittance	%	10.7	KS L 2514
	Reflectance (ext.)	%	24.5	
	Reflectance (int.)	%	13.8	
	Absorbance	%	64.9	
Infrared Ray	Rejected 950nm	%	91	LS 160
	Rejected 1400nm	%	98	LS 160A
Shading Coefficient			0.37	KS L 2016
U-Value		W/m ² K	5.8	
TSER		%	72	KS L 2514
Thickness		mil	2.0	
Color			Light Violet	



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VIOLET 90S (9030)



VIOLET 9030S is sputtered IR film with enhanced solar heat-rejection performance.

- * It has a high visible light transmittance below haze 1.0.
- * Can perform tinting work easily more by using excellent heat shrinkage of film.
- * Beautiful and natural color category. * No oxidation risk at all.
- * Minimizes metal components to prevent Hi-pass/communication failures compared to other sputtering products, and uses the fewest metals.

Item		Unit	Value	Test Method
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	28.5	KS L 2514
	Reflectance (ext.)	%	14.6	
	Reflectance (int.)	%	16.7	
	Absorbance	%	56.9	
Solar Heat	Transmittance	%	20.2	KS L 2514
	Reflectance (ext.)	%	23.9	
	Reflectance (int.)	%	24.3	
	Absorbance	%	55.9	
Infrared Ray	Rejected 950nm	%	91	LS 160
	Rejected 1400nm	%	98	LS 160A
Shading Coefficient			0.45	KS L 2016
U-Value		W/m ² K	5.8	
TSER		%	64.9	KS L 2514
Thickness		mil	1.5	
Color			Light Violet	



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