

ABYSS 99S (9910)



ABYSS 9910S is multi-sputtered coated film with highly enhanced solar heat-rejection performance.

* Coloring natural inorganic pigments on the metal membrane of the thin film creates a natural and special appearance.

* Maximize the thermal reflectivity of the unique metal.

Item		Unit	Value	Test Method
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	9.3	KS L 2514
	Reflectance (ext.)	%	14.0	
	Reflectance (int.)	%	9.0	
	Absorbance	%	76.7	
Solar Heat	Transmittance	%	7.7	KS L 2514
	Reflectance (ext.)	%	25.1	
	Reflectance (int.)	%	13.8	
	Absorbance	%	67.2	
Infrared Ray	Rejected 950nm	%	97	LS 160
	Rejected 1400nm	%	99	LS 160A
Shading Coefficient			0.35	KS L 2016
U-Value		W/m ² K	5.8	
TSER		%	79.4	KS L 2514
Thickness		mil	2.5	
Color			Light Jade Green	



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

ABYSS 99S (9930)



ABYSS 9930S is multi-sputtered coated film with highly enhanced solar heat-rejection performance.

* Coloring natural inorganic pigments on the metal membrane of the thin film creates a natural and special appearance.

* Maximize the thermal reflectivity of the unique metal.

Item		Unit	Value	Test Method
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	28.2	KS L 2514
	Reflectance (ext.)	%	14.4	
	Reflectance (int.)	%	16.0	
	Absorbance	%	57.4	
Solar Heat	Transmittance	%	17.4	KS L 2514
	Reflectance (ext.)	%	25.7	
	Reflectance (int.)	%	25.8	
	Absorbance	%	56.9	
Infrared Ray	Rejected 950nm	%	97	LS 160
	Rejected 1400nm	%	99	LS 160A
Shading Coefficient			0.42	KS L 2016
U-Value		W/m ² K	5.8	
TSER		%	70.5	KS L 2514
Thickness		mil	2.0	
Color			Light Jade Green	



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