



# GHOST : BLACK DIAMOND 70S 10%

- GHOST : BLACK DIAMOND 70S 10% is sputtered IR film with highly enhanced solar heat-rejection performance.
- It has a high visible light transmission below haze 1.0.
- Can perform tinting work easily more by using excellent heat shrinkage of film.
- Beautiful and unique color category
- No oxidation risk at all.
- Minimizes metal components to prevent hi-pass/communication failures compared to other sputter products, and uses the fewest metals.

ITEM		Unit	Value	TEST METHOD
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	13.3	KS L 2016 KS L 2514
	Reflectance (ext.)	%	17.2	
	Reflectance (int.)	%	7.5	
	Absorbance	%	69.5	
Solar Heat	Transmittance	%	16.9	
	Reflectance (ext.)	%	23.9	
	Reflectance (int.)	%	14.2	
	Absorbance	%	59.2	
Infrared rejection	950nm	%	80.0	
	1400nm	%	85.0	
Shading Coefficient			0.43	
U-Value		W/m <sup>2</sup> /K	5.9	
TSER			67.3	
Thickness		mil	2.0	
Color			Bronze Metallic	



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# GHOST : BLACK DIAMOND 70S 30%

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ITEM	Unit	Value	TEST METHOD
UV Rejection	%	99	KS L 2514
Visible Light	Transmittance	30.4	KS L 2016 KS L 2514
	Reflectance (ext.)	17.2	
	Reflectance (int.)	12.7	
	Absorbance	52.4	
Solar Heat	Transmittance	30.7	
	Reflectance (ext.)	23.9	
	Reflectance (int.)	19.4	
	Absorbance	45.4	
Infrared rejection	950nm	70.0	
	1400nm	75.0	
Shading Coefficient		0.55	
U-Value	W/m <sup>2</sup> /K	5.9	
TSER		57.2	
Thickness	mil	2.0	
Color		Bronze Metallic	



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# GHOST : BLACK DIAMOND 90S 10%

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ITEM		Unit	Value	TEST METHOD
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	12.1	KS L 2016 KS L 2514
	Reflectance (ext.)	%	16.4	
	Reflectance (int.)	%	13.0	
	Absorbance	%	71.5	
Solar Heat	Transmittance	%	8.2	
	Reflectance (ext.)	%	14.5	
	Reflectance (int.)	%	11.7	
	Absorbance	%	77.3	
Infrared rejection	950nm	%	90.0	
	1400nm	%	95.0	
Shading Coefficient			0.39	
U-Value		W/m <sup>2</sup> /K	5.84	
TSER			71.2	
Thickness		mil	2.0	
Color			Bronze Metallic	



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ITEM		Unit	Value	TEST METHOD
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	31.2	KS L 2016 KS L 2514
	Reflectance (ext.)	%	16.4	
	Reflectance (int.)	%	14.4	
	Absorbance	%	52.4	
Solar Heat	Transmittance	%	17.7	
	Reflectance (ext.)	%	14.5	
	Reflectance (int.)	%	12.5	
	Absorbance	%	67.8	
Infrared rejection	950nm	%	90.0	
	1400nm	%	95.0	
Shading Coefficient			0.47	
U-Value		W/m <sup>2</sup> /K	5.8	
TSER			64.2	
Thickness		mil	2.0	
Color			Bronze Metallic	



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