

Black Pearl[®] NC 05

Automotive Film Series

Performance Data:

Transmitted	4%	% Visible Light
Reflected	5%	
Glare Reduction	95%	
Transmitted	9%	% Total Solar Energy
Reflected	5%	
Absorbed	86%	
Shading Coefficient (SC)	0.42	
Solar Heat Gain Coefficient (SHGC)	0.37	
U Factor	1.02	
UV Rejection	≥ 99%	
Total Solar Energy Rejected (TSER)	63%	
IR Rejection*	87%	
Infrared Energy Rejection (IRER)	60%	

Read in accordance with National Fenestration Rating Council (NFRC) standards and calculated on single pane 6mm (1/4") clear glass.

*IR Rejection is tested in the IR range of 780 to 2500 nanometers.

Reported values are typical properties and should not be used as a specification. Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use. If the specific conditions of use are critically dependent on any of the properties of the product, or if you need further information, contact Madico, Inc. or your local Madico film dealer.



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Black Pearl[®] NC 10

Automotive Film Series

Performance Data:

Transmitted	12%	% Visible Light
Reflected	5%	
Glare Reduction	87%	
Transmitted	13%	% Total Solar Energy
Reflected	5%	
Absorbed	82%	
Shading Coefficient (SC)	0.45	
Solar Heat Gain Coefficient (SHGC)	0.38	
U Factor	1.05	
UV Rejection	≥ 99%	
Total Solar Energy Rejected (TSER)	61%	
IR Rejection*	87%	
Infrared Energy Rejection (IRER)	60%	

Read in accordance with National Fenestration Rating Council (NFRC) standards and calculated on single pane 6mm (1/4") clear glass.

*IR Rejection is tested in the IR range of 780 to 2500 nanometers.

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Black Pearl[®] NC 20

Automotive Film Series

Performance Data:

Transmitted	21%	% Visible Light
Reflected	6%	
Glare Reduction	76%	
Transmitted	18%	% Total Solar Energy
Reflected	5%	
Absorbed	77%	
Shading Coefficient (SC)	0.49	
Solar Heat Gain Coefficient (SHGC)	0.43	
U Factor	1.02	
UV Rejection	≥ 99%	
Total Solar Energy Rejected (TSER)	57%	
IR Rejection*	87%	
Infrared Energy Rejection (IRER)	60%	

Read in accordance with National Fenestration Rating Council (NFRC) standards and calculated on single pane 6mm (1/4") clear glass.

*IR Rejection is tested in the IR range of 780 to 2500 nanometers.

Reported values are typical properties and should not be used as a specification. Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use. If the specific conditions of use are critically dependent on any of the properties of the product, or if you need further information, contact Madico, Inc. or your local Madico film dealer.



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Black Pearl[®] NC 35

Automotive Film Series

Performance Data:

Transmitted	38%	% Visible Light
Reflected	6%	
Glare Reduction	57%	
Transmitted	23%	% Total Solar Energy
Reflected	5%	
Absorbed	72%	
Shading Coefficient (SC)	0.53	
Solar Heat Gain Coefficient (SHGC)	0.46	
U Factor	1.02	
UV Rejection	≥ 99%	
Total Solar Energy Rejected (TSER)	54%	
IR Rejection*	87%	
Infrared Energy Rejection (IRER)	60%	

Read in accordance with National Fenestration Rating Council (NFRC) standards and calculated on single pane 6mm (1/4") clear glass.

*IR Rejection is tested in the IR range of 780 to 2500 nanometers.

Reported values are typical properties and should not be used as a specification. Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use. If the specific conditions of use are critically dependent on any of the properties of the product, or if you need further information, contact Madico, Inc. or your local Madico film dealer.



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Black Pearl[®] NC 45

Automotive Film Series

Performance Data:

Transmitted	43%	% Visible Light
Reflected	6%	
Glare Reduction	52%	
Transmitted	24%	% Total Solar Energy
Reflected	5%	
Absorbed	70%	
Shading Coefficient (SC)	0.54	
Solar Heat Gain Coefficient (SHGC)	0.47	
U Factor	1.02	
UV Rejection	≥ 99%	
Total Solar Energy Rejected (TSER)	53%	
IR Rejection*	87%	
Infrared Energy Rejection (IRER)	60%	

Read in accordance with National Fenestration Rating Council (NFRC) standards and calculated on single pane 6mm (1/4") clear glass.

*IR Rejection is tested in the IR range of 780 to 2500 nanometers.

Reported values are typical properties and should not be used as a specification. Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use. If the specific conditions of use are critically dependent on any of the properties of the product, or if you need further information, contact Madico, Inc. or your local Madico film dealer.



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Black Pearl[®] NC 55

Automotive Film Series

Performance Data:

Transmitted	52%	% Visible Light
Reflected	7%	
Glare Reduction	41%	
Transmitted	29%	% Total Solar Energy
Reflected	6%	
Absorbed	65%	
Shading Coefficient (SC)	0.57	
Solar Heat Gain Coefficient (SHGC)	0.50	
U Factor	1.02	
UV Rejection	≥ 99%	
Total Solar Energy Rejected (TSER)	50%	
IR Rejection*	87%	
Infrared Energy Rejection (IRER)	60%	

Read in accordance with National Fenestration Rating Council (NFRC) standards and calculated on single pane 6mm (1/4") clear glass.

*IR Rejection is tested in the IR range of 780 to 2500 nanometers.

Reported values are typical properties and should not be used as a specification. Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use. If the specific conditions of use are critically dependent on any of the properties of the product, or if you need further information, contact Madico, Inc. or your local Madico film dealer.



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Black Pearl[®] NC 75

Automotive Film Series

Performance Data:

Transmitted	72%	% Visible Light
Reflected	8%	
Glare Reduction	19%	
Transmitted	35%	% Total Solar Energy
Reflected	6%	
Absorbed	59%	
Shading Coefficient (SC)	0.61	
Solar Heat Gain Coefficient (SHGC)	0.53	
U Factor	1.02	
UV Rejection	≥ 99%	
Total Solar Energy Rejected (TSER)	47%	
IR Rejection*	87%	
Infrared Energy Rejection (IRER)	60%	

Read in accordance with National Fenestration Rating Council (NFRC) standards and calculated on single pane 6mm (1/4") clear glass.

*IR Rejection is tested in the IR range of 780 to 2500 nanometers.

Reported values are typical properties and should not be used as a specification. Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use. If the specific conditions of use are critically dependent on any of the properties of the product, or if you need further information, contact Madico, Inc. or your local Madico film dealer.



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