

Black Pearl HP Series Sample Book

Automotive Window Film

BLACK PEARL® **HP**
BY MADICO



Black Pearl HP 4

Performance Data

Visible Light

| | |
|-----------------------|-----|
| Transmitted | 4% |
| Reflected | 5% |
| Glare Reduction | 96% |

Total Solar Energy

| | |
|-------------------|-----|
| Transmitted | 27% |
| Reflected | 9% |
| Absorbed | 64% |

| | |
|-----------------------------------|------|
| Shading Coefficient..... | 0.54 |
| Solar Heat Gain Coefficient | 0.47 |
| "U" Factor | 1.00 |
| Ultraviolet Light Rejected | 99% |
| Total Solar Energy Rejected | 53% |
| Infrared Rejection..... | 58% |
| Infrared Energy Rejected | 43% |

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Black Pearl HP 15

Performance Data

Visible Light

| | |
|-----------------------|-----|
| Transmitted | 15% |
| Reflected | 5% |
| Glare Reduction | 84% |

Total Solar Energy

| | |
|-------------------|-----|
| Transmitted | 31% |
| Reflected | 8% |
| Absorbed | 61% |

| | |
|-----------------------------------|------|
| Shading Coefficient..... | 0.57 |
| Solar Heat Gain Coefficient | 0.50 |
| "U" Factor | 1.01 |
| Ultraviolet Light Rejected | 99% |
| Total Solar Energy Rejected | 50% |
| Infrared Rejection..... | 57% |
| Infrared Energy Rejected | 41% |

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Black Pearl HP 22

Performance Data

Visible Light

| | |
|-----------------------|-----|
| Transmitted | 22% |
| Reflected | 6% |
| Glare Reduction | 75% |

Total Solar Energy

| | |
|-------------------|-----|
| Transmitted | 33% |
| Reflected | 8% |
| Absorbed | 59% |

| | |
|-----------------------------------|------|
| Shading Coefficient..... | 0.59 |
| Solar Heat Gain Coefficient | 0.51 |
| "U" Factor | 1.00 |
| Ultraviolet Light Rejected | 99% |
| Total Solar Energy Rejected | 49% |
| Infrared Rejection..... | 57% |
| Infrared Energy Rejected | 42% |

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Black Pearl HP 32

Performance Data

Visible Light

| | |
|-----------------------|-----|
| Transmitted | 33% |
| Reflected | 6% |
| Glare Reduction | 63% |

Total Solar Energy

| | |
|-------------------|-----|
| Transmitted | 41% |
| Reflected | 8% |
| Absorbed | 51% |

| | |
|-----------------------------------|------|
| Shading Coefficient..... | 0.65 |
| Solar Heat Gain Coefficient | 0.57 |
| "U" Factor | 1.02 |
| Ultraviolet Light Rejected | 99% |
| Total Solar Energy Rejected | 43% |
| Infrared Rejection..... | 54% |
| Infrared Energy Rejected | 40% |

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Black Pearl HP 38

Performance Data

Visible Light

| | |
|-----------------------|-----|
| Transmitted | 42% |
| Reflected | 8% |
| Glare Reduction | 53% |

Total Solar Energy

| | |
|-------------------|-----|
| Transmitted | 44% |
| Reflected | 9% |
| Absorbed | 47% |

| | |
|-----------------------------------|------|
| Shading Coefficient..... | 0.68 |
| Solar Heat Gain Coefficient | 0.59 |
| "U" Factor | 1.02 |
| Ultraviolet Light Rejected | 99% |
| Total Solar Energy Rejected | 41% |
| Infrared Rejection..... | 54% |
| Infrared Energy Rejected | 39% |

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Read in accordance with National Fenestration Rating Council (NFRC) standards on 6mm clear glass.

Madico is a participating member of the Association of Industrial Metallizers, Coaters and Laminators (AIMCAL). All data reported in this Sample Book has been measured, calculated, and reported in accordance with ASTM, ASHRAE, and AIMCAL standards. The data is subject to variations within industry standards.

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 or your local Madico window film dealer.

Black Pearl High-Performance Series



Excellent heat rejection



Rich black color



1.5 mil for superior handling



Available in a wide range of shades to accommodate any driver's preference



Helps keep shattered glass together in the event of an accident



Durable, UV stable construction



High performance film



Excellent conformability for easy installation



MADICO®

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