

HÜPER OPTIK®

Nano-Ceramic Window Films



Features & Benefits:

- Durable, true ceramic construction
- "Advanced Hyper-Clear Ceramic" that combines performance of C50 with extreme clarity
- Proprietary ceramic technology
- Undetectable to the naked eye
- 100% non-dyed
- No interference with cell phone signal
- Meets most state requirements for automotive clarity
- Window film industry's first optically clear high-performance non-dyed ceramic film



HÜPER Ceramic 70

- Visible Light Transmission (%)
- Visible Light Reflectance (%)
- Shading Coefficient
- Solar Heat Gain Coefficient
- Total Solar Transmission (%)
- Infrared Rejection (%)
- UV Light Rejection (%)
- Total Solar Energy Rejected (%)
- Glare Reduction (%)

| | Single Pane Specs. | Dual Pane Specs. |
|-----------------------------------|--------------------|------------------|
| • Visible Light Transmission (%) | 71 | 62 |
| • Visible Light Reflectance (%) | 10 | 16 |
| • Shading Coefficient | 0.62 | 0.68 |
| • Solar Heat Gain Coefficient | 0.52 | 0.59 |
| • Total Solar Transmission (%) | 38 | 29 |
| • Infrared Rejection (%) | 88 | 88 |
| • UV Light Rejection (%) | 99 | 99 |
| • Total Solar Energy Rejected (%) | 48 | 41 |
| • Glare Reduction (%) | 20 | 20 |

* Hüper Optik infrared specifications are measured across the entire near-infrared spectrum from 780-2500nm.



www.huperoptikusa.com

HSPE-C70

Performance data is based on this film being applied to the inside of 3mm clear glass. All data calculated using the definitions and equations in ISO9050 & ASHARE Handbook.

The data is subject to variations within industry standards. Copyright © 2011 Hüper Optik® USA (www.huperoptikusa.com), 5821 West Sam Houston Parkway North, Suite 400, Houston, TX 77041; phone: 888.296.3456; fax: 832.467.1190



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