

NT PerLite Ceramic 35i - Neutral Interior Films

Low reflectance, high performance



NT PerLite Ceramic 35i is a highly durable, ceramic-based interior window film. NT PerLite Ceramic 35i was developed using a proprietary patented advanced ceramic coating technology. As a result, its attractive neutral grey color delivers excellent solar energy rejection, with surprisingly low visible light reflectance. This makes NT PerLite Ceramic 35i an ideal solution for economic energy-saving projects when it's important to preserve view and retain a natural appearance - both inside and out. NT PerLite Ceramic 35i is particularly popular in residential and commercial projects.

Optical and Solar Properties**	NT PerLite Ceramic 35i	
Item Number	R070L5W	
Pane	Single	Double
Visible Light Transmitted	40%	37%
Visible Light Reflected (Interior)	15%	16%
Visible Light Reflected (Exterior)	17%	23%
Ultra Violet Block	99%	99%
Total Solar Energy Reflected	17%	20%
Total Solar Energy Transmitted	29%	25%
Total Solar Energy Absorbed	54%	55%
Emissivity (Room Side)	0.82	0.82
Glare Reduction	56%	55%
Selective InfraRed Reduction (SIRR)	78%	78%
InfraRed Energy Rejection (IRER)	60%	60%
Shading Coefficient	0.52	0.64
Solar Heat Gain Coeff. (G-Value)	0.45	0.55
U-Value Winter (IP)	1.03	0.48
U-Value Winter (SI)	5.85	2.72
Luminous Efficacy	0.75	0.57
Total Solar Energy Rejected (%)	55%	45%

** Performance results are calculated on 3 mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.

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