

NT PerLite Ceramic 70i - Neutral Interior Films

Low reflectance, high performance



NT PerLite Ceramic 70i is a highly durable, ceramic-based interior window film. NT PerLite Ceramic 70i 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 70i 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 70i is particularly popular in residential and commercial projects.

Optical and Solar Properties**	NT PerLite Ceramic 70i	
Item Number	R069L4W	
Pane	Single	Double
Visible Light Transmitted	68%	61%
Visible Light Reflected (Interior)	9%	12%
Visible Light Reflected (Exterior)	10%	17%
Ultra Violet Block	99%	99%
Total Solar Energy Reflected	10%	15%
Total Solar Energy Transmitted	59%	50%
Total Solar Energy Absorbed	31%	35%
Emissivity (Room Side)	0.91	0.91
Glare Reduction	25%	25%
Selective InfraRed Reduction (SIRR)	44%	44%
InfraRed Energy Rejection (IRER)	33%	33%
Shading Coefficient	0.79	0.79
Solar Heat Gain Coeff. (G-Value)	0.69	0.68
U-Value Winter (IP)	1.08	0.49
U-Value Winter (SI)	6.13	2.78
Luminous Efficacy	0.86	0.78
Total Solar Energy Rejected (%)	31%	32%

** 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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