

NT PerLite Ceramic 20i - Neutral Interior Films

Low reflectance, high performance



NT PerLite Ceramic 20i is a highly durable, ceramic-based interior window film. NT PerLite Ceramic 20i 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 20i 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 20i is particularly popular in residential and commercial projects.

Optical and Solar Properties**	NT PerLite Ceramic 20i	
Item Number	R070L6W	
Pa ne	Single	Double
Visible Light Transmitted	22%	20%
Visible Light Reflected (Interior)	24%	25%
Visible Light Reflected (Exterior)	25%	31%
Ultra Violet Block	99%	99%
Total Solar Energy Reflected	29%	29%
Total Solar Energy Transmitted	14%	13%
Total Solar Energy Absorbed	57%	58%
Emissivity (Room Side)	0.76	0.76
Glare Reduction	76%	75%
Selective InfraRed Reduction (SIRR)	91%	91%
InfraRed Energy Rejection (IRER)	74%	74%
Shading Coefficient	0.36	0.51
Solar Heat Gain Coeff. (G-Value)	0.30	0.44
U-Value Winter (IP)	1.00	0.47
U-Value Winter (SI)	5.68	2.67
Luminous Efficacy	0.62	0.40
Total Solar Energy Rejected (%)	70%	56%

** 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.



Graphics Solutions

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