



NT PerLite Ceramic 50i

Optical & Solar Properties

	Single Pane	Double Pane
Visible Light Transmitted	51%	47%
Visible Light Reflected (interior)	16%	19%
Visible Light Reflected (exterior)	18%	24%
Ultra Violet Block	99%	99%
Total Solar Energy Reflected	20%	23%
Total Solar Energy Transmitted	40%	35%
Total Solar Energy Absorbed	40%	42%
Emissivity (Room Side)	0.84	0.84
Glare Reduction	43%	42%
Selective InfraRed Reduction (SIRR)	67%	67%
InfraRed Energy Rejection (IRER)	53%	53%
Shading Coefficient	0.60	0.66
Solar Heat Gain Coeff. (G-Value)	0.51	0.57
U-Value Winter (IP)	1.04	0.48
U-Value Winter (SI)	5.91	2.73
Luminous Efficacy	0.85	0.72
Total Solar Energy Rejected	49%	43%

R069L3W - Water Activated Adhesive

