

10 mil PerLite 35

MECHANICAL PROPERTIES

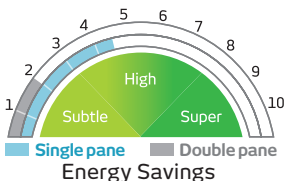
Thickness	10 mil
Tensile Strength at Break	28,500 PSI
Break Strength	270 lb/inch
Elongation at Break	125 %
Peel Strength	7 lb/inch

OPTICAL & SOLAR PROPERTIES

	3mm Single	3mm IGU
Visible Light Transmitted	40 %	37 %
Visible Light Reflected (Int)	17 %	18 %
Visible Light Reflected (Ext)	17 %	23 %
Ultra Violet Block	99 %	99 %
Total Solar Energy Reflected	18 %	21 %
Total Solar Energy Transmitted	30 %	26 %
Total Solar Energy Absorbed	52 %	53 %
Emissivity (Room Side)	0.91	0.91
Glare Reduction	55 %	55 %
Shading Coefficient	0.53	0.64
Solar Heat Gain Coeff. (G-Value)	0.46	0.55
U-Value Winter (IP)	1.08	0.49
U-Value Winter (SI)	6.13	2.78
Luminous Efficacy	0.76	0.58
Total Solar Energy Rejected	54 %	45 %

R270L5T PS

US Patented Technology



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safety & security

