

6 mil Cold Steel 35

MECHANICAL PROPERTIES

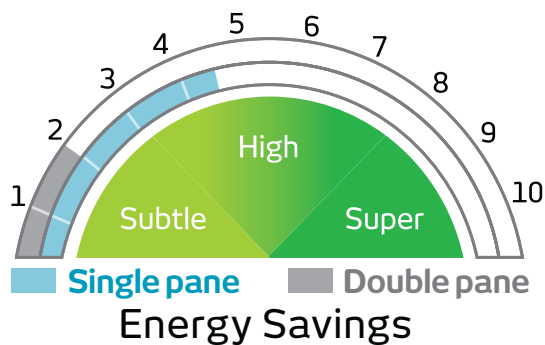
Thickness	6 mil
Tensile Strength at Break	28,500 PSI
Break Strength	145 lb/inch
Elongation at Break	125 %
Peel Strength	7 lb/inch

OPTICAL & SOLAR PROPERTIES

	3mm Single	3mm IGU
Visible Light Transmitted	40 %	36 %
Visible Light Reflected (Int)	16 %	18 %
Visible Light Reflected (Ext)	18 %	24 %
Ultra Violet Block	99 %	99 %
Total Solar Energy Reflected	19 %	22 %
Total Solar Energy Transmitted	29 %	25 %
Total Solar Energy Absorbed	52 %	53 %
Emissivity (Room Side)	0.90	0.90
Glare Reduction	56 %	55 %
Shading Coefficient	0.52	0.63
Solar Heat Gain Coeff. (G-Value)	0.44	0.54
U-Value Winter (IP)	1.07	0.49
U-Value Winter (SI)	6.08	2.78
Luminous Efficacy	0.77	0.58
Total Solar Energy Rejected	56 %	46 %

R170L5T PS

US Patented Technology



safety & security



Ed-B DS No 1226, August 2011