



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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3M™ Safety & Security Window Film





Ultra S150 (SCLARL150)

Technical Data

Product Benefits

- Increase personal safety from flying or broken glass.
- Increases protection from windstorms, hurricanes, blasts, and earthquakes.
- Deters smash and grab theft.
- Extend the life and vibrancy in the fabric of furniture and carpets.
- Reduces injury risk from flying glass.

Product Performance & Technical Data

Ultra S150								
	Single Pane		Tinted		Double Pane		Double tinted	
Film	1/4" Clear	Ultra S150	1/4" tint	Ultra S150	Dual 1/4" Clear	Ultra S150	Dual 1/4" tint	Ultra S150
Solar Heat Gain Coefficient	0.82	0.82	0.63	0.59	0.70	0.68	0.51	0.46
Visible Light Transmitted	89%	87%	47%	47%	79%	77%	47%	45%
Visible Light Reflected Interior	9%	11%	9%	7%	15%	17%	13%	8%
Visible Light Reflected Exterior	8%	11%	13%	7%	15%	17%	8%	8%
U Value	1.03	1.03	1.03	1.03	0.47	0.47	0.47	0.47
UV Block	38%	98%	NA	99%	NA	99%	NA	99%
Total Solar Energy Rejected	19%	19%	37%	41%	30%	32%	49%	54%
Glare Reduction	NA	2%	NA	1%	NA	3%	NA	5%
Heat Loss Reduction	NA	0%	NA	0%	NA	0%	NA	0%
Solar Heat Reduction	NA	0%	NA	6%	NA	3%	NA	9%

Important:

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.



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