

3M™

Crystalline 90



Technical Data

Product Benefits

- Breakthrough multilayer nanotechnology
- Metal-free design with zero electronic interference*
- Much less reflectivity than traditional window films
- Advanced heat rejection capability
- Full 99.9% UV protection (SPF 1700+)
- 97% infrared light rejected**
- Provides additional layer of safety and security
- National lifetime manufacturer's warranty***

*Will not interfere with cell phones, GPS systems or satellite radio **IR for wavelength range of 900-1000nm ***See lifetime warranty for full details. Ask dealer for warranty information.

Product Performance & Technical Data

<u>CR90</u>				
	Single Pane		Tinted	
Film	1/4" Clear	CR90	1/4" tint	CR90
Solar Heat Gain Coefficient	0.82	0.66	0.63	0.55
Visible Light Transmitted	89%	85%	53%	51%
Visible Light Reflected Interior	9%	10%	9%	7%
Visible Light Reflected Exterior	8%	10%	13%	8%
U Value	1.03	1.05	1.03	1.05
UV Block	38%	99.9%	NA	99.9%
Solar Heat Reduction	NA	18%	NA	13%
Glare Reduction	NA	4%	NA	4%
Heat Loss Reduction	NA	0%	NA	0%
Total Solar Energy Rejected	19%	34%	37%	45%

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.



Renewable Energy Division

St. Paul, MN 55144-1000

1-800-698-4595

www.3M.com/windowfilm

3M is a trademark of 3M.
© 3M 2008. All rights reserved.
04/08 DMR #