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Interior Side

Benefits and selection criteria

- + Rejects up to 72% of solar energy and retains heat in cooler months reducing year round energy costs
- + Blocks >99% of ultraviolet rays*, helping to protect furnishings by reducing premature fading
- + Designed for colder climates to reduce heat loss
- + Optically-clear sputtered film with advanced color stable technology
- + Manufacturer's limited warranty†

EASTMAN

LLumar.com

*Wavelengths 280-380nm. †Certain restrictions apply; see authorized dealer for warranty details. © 2016 Eastman Chemical Company. VISTA™, the VISTA® logo, LLumar® and the LLumar® logo are trademarks of Eastman Chemical Company or one of its wholly owned subsidiaries. As used herein, ® denotes registered trademark status in the U.S. only. Printed in U.S.A. (05/16) SP1030



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Exterior Side

Performance data

	% Total Solar Transmittance	% Total Solar Reflectance	% Total Solar Absorbance	% Visible Light Transmittance	% Visible Reflectance (exterior)	% Visible Reflectance (interior)	Winter U-value	Shading Coefficient	% UV Ray Protection (wavelengths 280-380nm)	Emissivity	Solar Heat Gain Coefficient	% Total Solar Energy Rejected	Light-to-Solar Heat Gain Ratio (LSG)	% Summer Solar Heat Gain Reduction	% Winter Heat Loss Reduction	% Glare Reduction
Clear Glass 1/8" (3mm) single pane	83	8	9	90	8	8	1.03	1.00	29	0.84	0.86	14	1.05	-	-	-
VE35 SR CDF 1/8" (3mm) clear single pane	20	43	37	29	36	39	0.71	0.32	>99	0.29	0.28	72	1.04	67	32	68
Clear Glass 1/8" (3mm) dual pane	70	13	17	81	15	15	0.48	0.88	44	0.84	0.76	24	1.07	-	-	-
VE35 SR CDF 1/8" (3mm) clear dual pane	17	38	45	26	39	39	0.39	0.41	>99	0.29	0.36	64	0.72	53	19	68
Clear Glass 1/4" (6mm) single pane	77	7	16	88	8	8	1.03	0.94	38	0.84	0.82	18	1.07	-	-	-
VE35 SR CDF 1/4" (6mm) clear single pane	19	36	45	28	35	39	0.72	0.33	>99	0.29	0.28	72	1.00	66	30	68
Clear Glass 1/4" (6mm) dual pane	61	11	28	79	14	14	0.47	0.81	54	0.84	0.70	30	1.13	-	-	-
VE35 SR CDF 1/4" (6mm) clear dual pane	15	29	56	25	36	39	0.38	0.42	>99	0.29	0.36	64	0.69	49	19	68

The solar performance data reported for Vista by LLumar architectural window films was captured using the National Fenestration Rating Council's (NFRC) standard guidelines for window film solar performance measurement. All safety and performance data has been measured in accordance with ASTM, ASHRAE, AIMCAL and ANSI standards using NFRC methodology with Lawrence Berkeley National Lab's WINDOW Fenestration Analysis Software. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties.