Sputtered Dark Neutral 200µ

N 1020 SR PS 8

Performance Data



Technical data according to EN 410 and EN 673*	4 mm single	4/16/4 mm double	
Solar Energy Transmission, τ_e	22%	19%	
Solar Energy Reflection, ρ_e	24%	26%	
Solar Energy Absorbtion, α_e	54%	55%	
Visible Light Transmission, τ_v	23%	21%	
Visible Light Reflection (External), ρ_{ve}	27%	31%	
Visible Light Reflection (Internal), ρ_{vi}	27%	28%	
Ultraviolet Transmission, T _{uv}	<	<1%	
Ultraviolet Rejection	>	>99 %	
g value	0.35	0.51	
Shading Coefficient	0.4	0.59	
Total Solar Energy Rejected	65%	49%	
Glare Reduction	75%	74%	
U value, single glazing (W/m².K)	5.92		
U value, double glazing, Air filled (W/m².K)		2.74	
Emissivity, ε_n		0.9	
Colour Rendering Index, R _a		99	
Film Colour / Appearance	Ne	Neutral	
Installation position	Int	Internal	
Manufacturer's Limited Warranty**: 10 Years			

Installation Notes: Safety and security films must be installed by trained and qualified personnel. Use Film On for installation.

Please check the complete Film to Glass Thermal Stress Compatibility Guidelines before film installation; Contact Eastman Performance Films for full details. "The properties reported for LLumar architectural window films were calculated using EN410 methodology for film applied to single pane (4mm clear glass) and dual pane glazing (4mm clear glass panes, 16mm air space), Reported values were calculated from representative product samples. Actual performance may vary based on a number of factors, including glass properties, and standard manufacturing variances. Solar spectrum used: UV 300-380nm, Visible Light 380-780nm, IR 780-2800nm.

**Manufacturer's Limited Warranty validity: Europe only. Certain restrictions apply, see authorized dealer for warranty details.

Datasheet created on 20/02/19. For a more recent version please contact your LLumar representative.

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