



"The Leader in Glass Fabrication"™

VIRACON
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VIRACON

8/6/2008

SOLAR OPTICAL PROPERTIES AND THERMAL CHARACTERISTICS****

Customer: Juba Aluminum Products Co., Inc
Jobname: Mint Museum
GlassType: A.1

INSULATING LOW-E PERFORMANCE DATA

Make-up: 1/4" (6mm) VE1-2M #2
1/2" (13.2mm) airspace
1/4" (6mm) Clear

Transmittance

Visible Light:	70%
Solar Energy:	32%
Ultra-Violet:	10%

UltraViolet defined as 300 to 380 nanometers(nm)

Reflectance

Visible Light-Exterior:	11%
Visible Light-Interior:	12%
Solar Energy:	31%

U-Value

NFRC Winter Conditions:	0.29 Btu/(hr x sqft x °F)
NFRC Summer Conditions:	0.26 Btu/(hr x sqft x °F)
European U- Value (formerly k-value)	1.5
Shading Coefficient:	0.44
Solar Factor (SHGC):	0.38
LSG (Light to Solar Gain)	1.84
Relative Heat Gain:	91 Btu/hr x sqft

**** Centerpane Values

**** Calculated using Windows 5.2