

DATA SHEET

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GB-40-I

Applications

Lead-free NVIS Green B filter glass for incandescent sources.

Nominal Physical Properties

Thickness (mm)	1.0
Density (g/cm ³)	3.1
Thermal Expansion Coefficient (ppm/°C)	12
Dilatometric Softening Temperature (°C)	441
Glass Transition Temperature (°C)	415
Refractive Index (n _D)	1.58

Available Plate Dimensions

Standard size is 7" x 7".

Also sizes up to 12" x 12" available upon request.

Minimum thickness of 0.2", 0.25", 0.275", 0.3", or 0.45".

Nominal Optical Properties

Source	Chromaticity CIE 1976		Tolerance Radius	Photopic Transmission	NVIS Radiance <i>Per MIL-STD-3009 @ 0.1 fL Luminance</i>	
	u'	v'	r'	Y%	NR(a)	NR(b)
2100 K	0.12	0.57	0.01	14.8	1.3×10^{-10}	2.3×10^{-11}

