

# DATA SHEET

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## YB-40-I

### Applications

Lead-free NVIS Yellow class B filter glass for incandescent light sources.

### Nominal Physical Properties

Thickness (mm)	1.0
Density (g/cm <sup>3</sup> )	3.2
Thermal Expansion Coefficient (ppm/°C)	11
Dilatometric Softening Temperature (°C)	471
Glass Transition Temperature (°C)	447
Refractive Index (n <sub>D</sub> )	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 @ 15.0 fL Luminance</i>	
	u'	v'	r'	Y%	NR(a)	NR(b)
2100 K	0.23	0.56	0.01	17.9	n/a	1.2 x 10 <sup>-7</sup>

