

DATA SHEET

4040 Hypoint North • PO Box 2
Rolla, Missouri 65402
www.mo-sci.com

Phone: 573-364-2338
Fax: 573-364-9589
Email: mo-sci@mo-sci.com

B-40-I

Applications

Lead-free NVIS blue filter glass for incandescent light sources.

Nominal Physical Properties

Thickness (mm)	1.0
Density (g/cm ³)	3.4
Thermal Expansion Coefficient (ppm/°C)	11
Dilatometric Softening Temperature (°C)	435
Glass Transition Temperature (°C)	407
Refractive Index (n _D)	1.60

Available Plate Dimensions

Standard size is 7"x7".

Also sizes up to 12"x12" available upon request.

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

Nominal Optical Properties

Source	Chromaticity CIE 1976		Toleranc e 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	0.11	0.41	0.01	2.2	9.7×10^{-11}	1.7×10^{-11}

