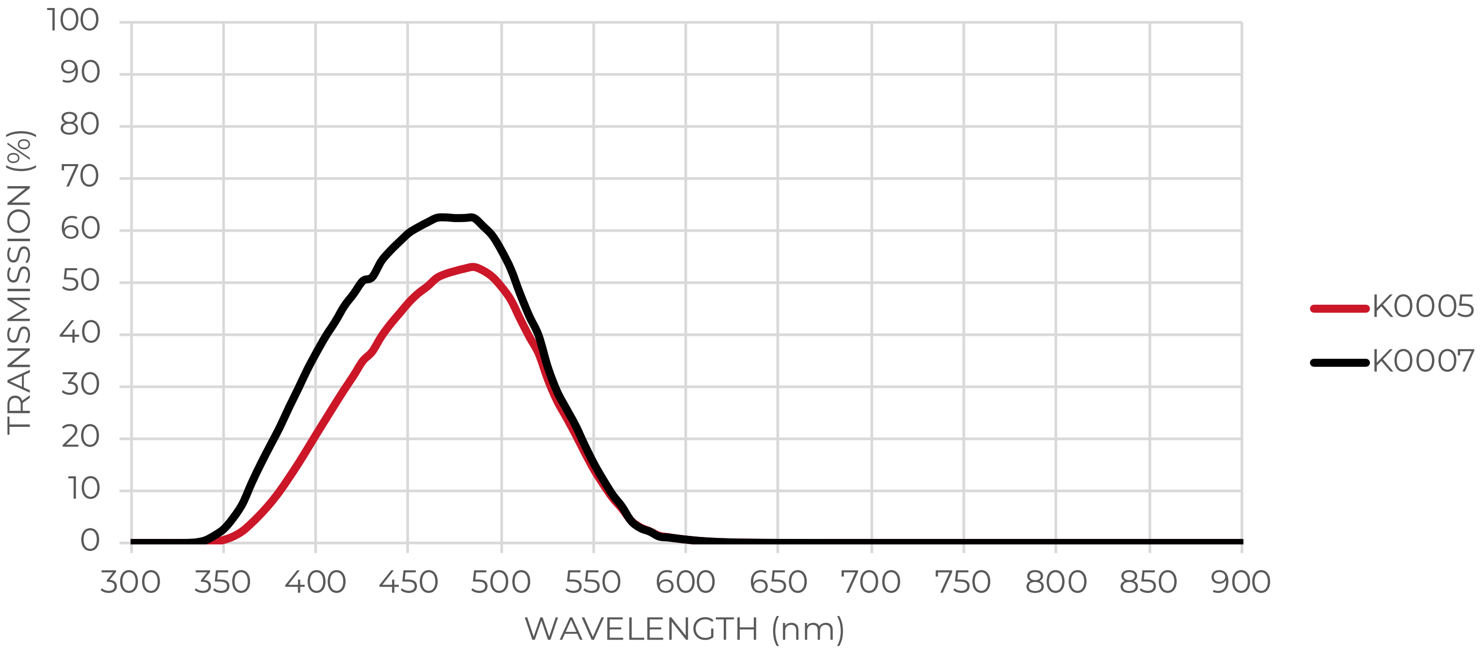
SECURE BLUE-GREEN

filter glass data sheets



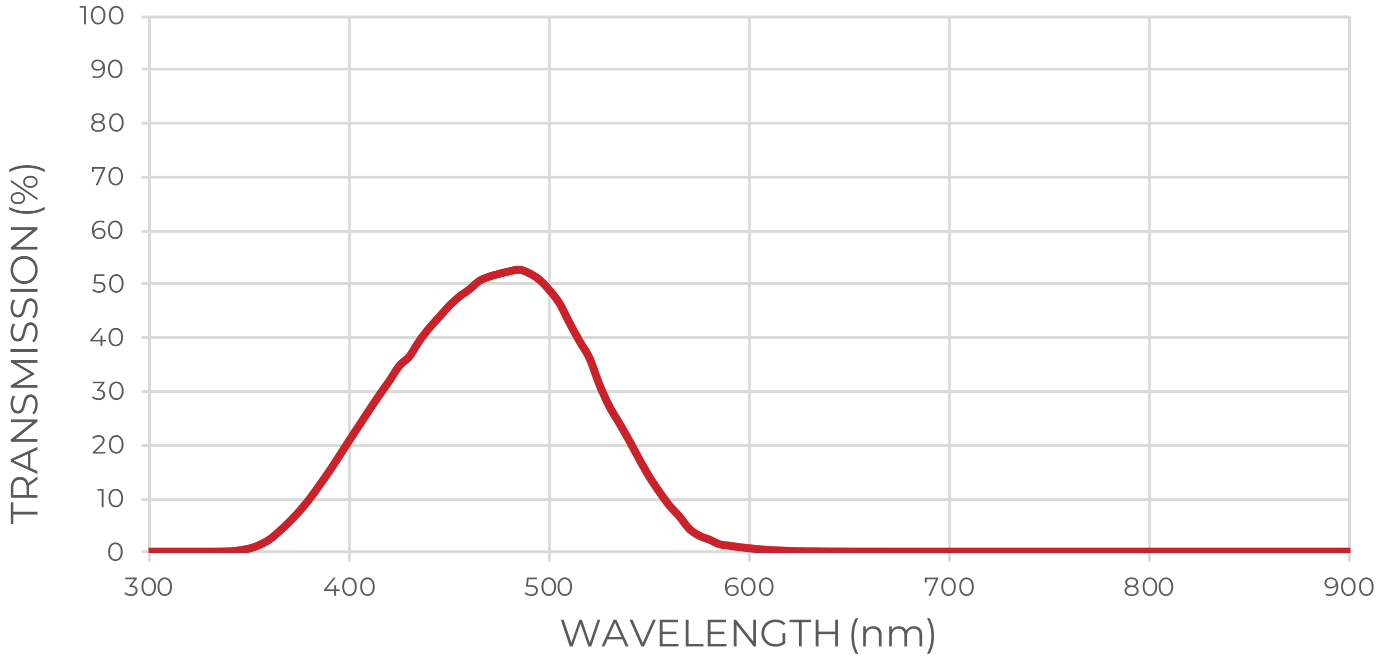
SECURE BLUE-GREEN GLASS COMPOSITIONS

Click glass product number to jump to data sheet.
K0005
K0007

PLEASE NOTE: The transmission curves in this catalog should be understood as typical curves for reference only. Data listed without tolerances are to be understood as reference values.

SECURE BLUE-GREEN | K0005

LIGHT SOURCE: INCANDESCENT



CHROMATICITY & NVIS RADIANCE

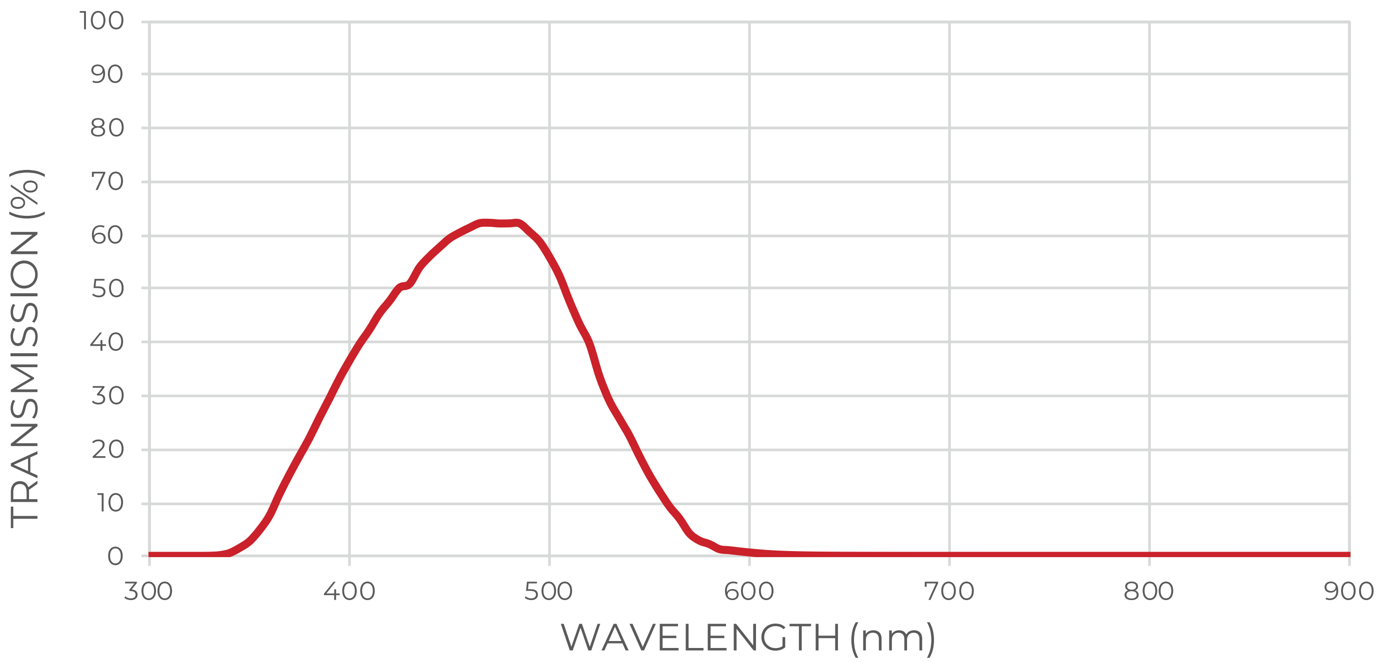
Source	u’	v’	x	y	Y(%)	N/ R A
1600 K	0.098	0.529	0.215	0.513	6.1	4.80E-10
1800 K	0.095	0.516	0.198	0.477	7.2	3.30E-10
1900 K	0.094	0.509	0.191	0.460	7.7	2.90E-10
2000K	0.093	0.502	0.185	0.444	8.2	2.60E-10
2100 K	0.093	0.495	0.180	0.428	8.7	2.30E-10
2200 K	0.092	0.489	0.176	0.414	9.1	2.10E-10
2856 K	0.094	0.453	0.159	0.340	11.4	1.40E-10

PHYSICAL PROPERTIES

Nominal Thickness Range	2.00 mm	**Transition Temperature**	444 °C
Reactive Index	1.519	**Annealing Temperature**	457 °C
Density	2.53 g/cc	**Deformation Temperature**	484 °C
Linear Thermal Expansion	95 E^{-7}/°C (30-300 °C)		

SECURE BLUE-GREEN | K0007

LIGHT SOURCE: INCANDESCENT



CHROMATICITY & NVIS RADIANCE

Source	u’	v’	x	y	Y(%)	N/ R A
1600 K	0.097	0.523	0.207	0.496	6.6	4.40E-10
1800 K	0.094	0.507	0.190	0.456	7.8	3.10E-10
1900 K	0.093	0.500	0.184	0.438	8.4	2.70E-10
2000K	0.093	0.492	0.179	0.421	8.9	2.40E-10
2100 K	0.093	0.485	0.174	0.404	9.4	2.20E-10
2200 K	0.093	0.478	0.170	0.389	9.9	2.00E-10
2856 K	0.096	0.438	0.156	0.314	12.5	1.30E-10

PHYSICAL PROPERTIES

Nominal Thickness Range	3.00 mm	**Transition Temperature**	452 °C
Reactive Index	1.516	**Annealing Temperature**	470 °C
Density	2.53 g/cc	**Deformation Temperature**	495 °C
Linear Thermal Expansion	93 E^{-7}/°C (30-300 °C)		

HIGH-PERFORMANCE CUSTOM GLASS

for mission-critical applications

MATERIAL SCIENCE EXPERTISE

Founded over 90 years ago, Kopp Glass began with a deep understanding of glass chemistry and how it can be used to innovate. Today, our portfolio includes more than 200 different glasses. Depending on your need, our engineers and scientists are also able to create new compositions to meet tough design challenges.

APPLICATIONS ENGINEERING EXPERTISE

We refine product designs alongside customers to help them reduce costs and increase yields. While our solutions are crafted to perform in some of the harshest environments on Earth, they're also designed to help the performance of our customers' bottom lines.

RESPONSIVENESS

Kopp Glass is a small manufacturer, but the design and production challenges we face every working day are huge. Our customers see the difference in how we respond to them and in how our team responds to each other.

ON-TIME IN-SPEC DELIVERY

Kopp Glass works to ensure the mission-critical, molded glass components we ship meet your standards—the first time.

WORK WITH US

www.koppglass.com

Year Founded	1926
Ownership	Closely Held
Location	Pittsburgh, PA USA
No. of Employees	110
Mfg. Sq. Ft.	127,000
Quality System	ISO: 9001:2015

2108 PALMER STREET | PITTSBURGH, PA 15218, USA | +1-412-271-0190