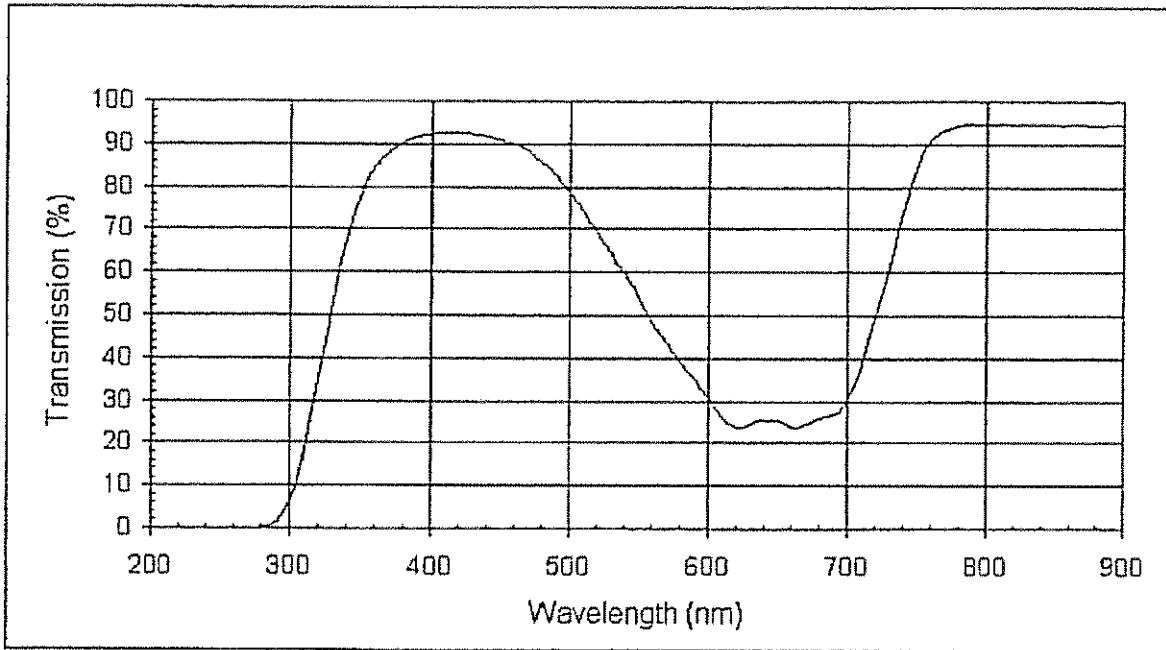


Cobalt Blue Borosilicate

Blue 5331



Note: Graph and tabular data at 1.50 mm

Filter Specifications

Minimum transmission must be at 621 + 4 nm

Minimum transmission must be 1.5 + 5% Transmission at 624 nm must be less than transmission at 612 nm

Physical Properties

Nominal Thickness Range - 1.5mm

Refractive Index - $n_D = 1.48$

Density - 2.24 g/cm³

Thermal Linear Expansion - 51E-7 /1°C (30-300 °C)

Strain Temperature - 482 °C

Annealing Temperature - 529 C°

Deformation Temperature - 570 C°

Blue

5331

Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	
200	0.00	435	91.98	670	24.38
205	0.01	440	91.63	675	25.15
210	0.01	445	91.34	680	25.75
215	0.00	450	90.88	685	26.14
220	0.00	455	90.51	690	26.66
225	0.00	460	89.84	695	27.83
230	0.00	465	89.07	700	30.21
235	0.00	470	88.04	705	33.83
240	0.01	475	86.94	710	38.58
245	0.00	480	85.59	715	44.08
250	0.00	485	84.08	720	49.82
255	0.00	490	82.36	725	55.49
260	0.00	495	80.55	730	61.19
265	0.00	500	78.47	735	67.31
270	0.02	505	76.33	740	73.92
275	0.06	510	74.10	745	80.18
280	0.19	515	71.69	750	85.32
285	0.55	520	69.25	755	88.98
290	1.37	525	66.85	760	91.20
295	3.10	530	64.32	765	92.59
300	6.22	535	61.98	770	93.61
305	11.10	540	59.47	775	94.00
310	17.86	545	56.85	780	94.31
315	25.99	550	53.98	785	94.61
320	34.98	555	51.15	790	94.61
325	44.06	560	48.38	795	94.65
330	52.88	565	45.70	800	94.66
335	60.69	570	43.30	805	94.70
340	67.47	575	41.01	810	94.78
345	73.56	580	38.87	815	94.77
350	78.58	585	36.96	820	94.75
355	82.05	590	35.12	825	94.93
360	84.73	595	33.11	830	94.73
365	87.06	600	30.79	835	94.82
370	88.52	605	28.18	840	94.57
375	89.63	610	25.90	845	94.92
380	90.43	615	24.73	850	94.63
385	91.33	620	23.79	855	94.46
390	91.81	625	23.57	860	94.63
395	92.03	630	24.59	865	94.64
400	92.29	635	25.55	870	94.88
405	92.50	640	25.65	875	94.13
410	92.62	645	25.58	880	94.27
415	92.62	650	25.33	885	94.09
420	92.55	655	24.49	890	94.57
425	92.45	660	23.73	895	94.56
430	92.21	665	23.76	900	94.48
