GrayGlass - www.grayglass.net

Kopp UV Transmitting/VIS Absorbing - 5840

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UV Transmitting/VIS Absorbing - 5840	
Note: Graph and tabular data at 4.60 mm	
Filter Specifications	
Transmission must be > 55% at 365 nm	
Physical Properties	
Nominal Thickness Range	4.4 - 4.6 mm
Refractive Index	n_D = 1.52
Density	2.51 g/cm^3
Thermal Linear Expansion	92E-7 /ºC (30-300 ºC)
Strain Temperature	471 ºC
Annealing Temperature	509 ºC
Deformation Temperature	683 ºC

UV Transmitting/VIS Absorbing - 5840					
Wavelength	**Transmission**	**Wavelength**	**Transmission**	**Wavelength**	**Transmission**
(nm)	**(%)**	**(nm)**	**(%)**	**(nm)**	**(%)**
200	0.00	435	0.00	670	0.00
205	0.00	440	0.00	675	0.00
210	0.00	445	0.00	680	0.01
215	0.00	450	0.00	685	0.05
220	0.00	455	0.00	690	0.22
225	0.00	460	0.00	695	0.64
230	0.00	465	0.00	700	1.32
235	0.00	470	0.00	705	2.26
240	0.00	475	0.00	710	3.39
245	0.00	480	0.00	715	4.47
250	0.00	485	0.00	720	5.35
255	0.00	490	0.00	725	6.38
260	0.00	495	0.00	730	8.19
265	0.00	500	0.00	735	10.59
270	0.00	505	0.00	740	12.31
275	0.00	510	0.00	745	12.44
280	0.00	515	0.00	750	11.02
285	0.00	520	0.00	755	8.53
290	0.00	525	0.00	760	5.87
295	0.00	530	0.00	765	3.90

300	0.00	535	0.00	770	2.92
305	0.03	540	0.00	775	2.58
310	0.33	545	0.00	780	2.56
315	1.89	550	0.00	785	2.52
320	6.32	555	0.00	790	2.29
325	14.57	560	0.00	795	1.95
330	25.58	565	0.00	800	1.57
335	37.23	570	0.00	805	1.24
340	47.56	575	0.00	810	0.98
345	56.19	580	0.00	815	0.76
350	62.15	585	0.00	820	0.60
355	65.68	590	0.00	825	0.46
360	67.09	595	0.00	830	0.37
365	66.44	600	0.00	835	0.30
370	62.77	605	0.00	840	0.24
375	54.75	610	0.00	845	0.20
380	41.79	615	0.00	850	0.17
385	25.38	620	0.00	855	0.15
390	10.24	625	0.00	860	0.12
395	2.20	630	0.00	865	0.11
400	0.21	635	0.00	870	0.10
405	0.01	640	0.00	875	0.08
410	0.00	645	0.00	880	0.08
415	0.00	650	0.00	885	0.08
420	0.00	655	0.00	890	0.06
425	0.00	660	0.00	895	0.06
430	0.00	665	0.00	900	0.03

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