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## Kopp UV Transmitting/VIS Absorbing - 5860

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UV Transmitting/VIS Absorbing - 5860	
Note: Graph and tabular data at 4.90 mm	
Filter Specifications	
Transmission must be > 21% at 365 nm	
Physical Properties	
Nominal Thickness Range 4.9 - 5.1 mm	
Refractive Index	$n_D = 1.55$
Density	2.51 g/cm <sup>3</sup>
Thermal Linear Expansion	92E-7 /°C (30-300 °C)
Strain Temperature	471 °C
Annealing Temperature	509 °C
Deformation Temperature	683 °C

UV Transmitting/VIS Absorbing - 5860					
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	0.00
215	0.00	450	0.00	685	0.00
220	0.00	455	0.00	690	0.00
225	0.00	460	0.00	695	0.00
230	0.00	465	0.00	700	0.00
235	0.00	470	0.00	705	0.02
240	0.00	475	0.00	710	0.05
245	0.00	480	0.00	715	0.08
250	0.00	485	0.00	720	0.11
255	0.00	490	0.00	725	0.14
260	0.00	495	0.00	730	0.20
265	0.00	500	0.00	735	0.31
270	0.00	505	0.00	740	0.42
275	0.00	510	0.00	745	0.43
280	0.00	515	0.00	750	0.34
285	0.00	520	0.00	755	0.20
290	0.00	525	0.00	760	0.09
295	0.00	530	0.00	765	0.04

300	0.00	535	0.00	770	0.02
305	0.03	540	0.00	775	0.01
310	0.28	545	0.00	780	0.00
315	1.33	550	0.00	785	0.00
320	4.04	555	0.00	790	0.00
325	8.97	560	0.00	795	0.00
330	15.86	565	0.00	800	0.00
335	23.52	570	0.00	805	0.00
340	30.81	575	0.00	810	0.00
345	36.93	580	0.00	815	0.00
350	41.70	585	0.00	820	0.00
355	43.74	590	0.00	825	0.00
360	43.75	595	0.00	830	0.00
365	41.22	600	0.00	835	0.00
370	35.40	605	0.00	840	0.00
375	25.20	610	0.00	845	0.00
380	12.61	615	0.00	850	0.00
385	3.35	620	0.00	855	0.00
390	0.32	625	0.00	860	0.00
395	0.01	630	0.00	865	0.00
400	0.00	635	0.00	870	0.00
405	0.00	640	0.00	875	0.00
410	0.00	645	0.00	880	0.00
415	0.00	650	0.00	885	0.00
420	0.00	655	0.00	890	0.01
425	0.00	660	0.00	895	0.00
430	0.00	665	0.00	900	0.00

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