



T=1.00mm

λ	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450
T	0.0	3.3	24.0	50.4	67.9	77.4	81.4	84.4	84.0	83.7	83.7	79.9	68.6	41.5	11.2	0.9	0.0	0.0	0.0	0.0	0.0
λ	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660
T	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.7	1.9	4.9
λ	670	680	690	700	710	720	730	740	750	760	770	780	790	800	810	820	830	840	850	860	870
T	10.4	17.0	21.7	24.1	24.4	23.6	21.0	17.4	13.8	10.9	8.6	7.0	5.8	5.1	4.6	4.4	4.3	4.4	4.6	5.0	5.4
λ	880	890	900	910	920	930	940	950	960	970	980	990	1000	1010	1020	1030	1040	1050	1060	1070	1080
T	6.0	6.7	7.4	8.2	9.2	10.3	11.4	12.6	13.8	15.0	16.1	17.2	18.1	19.0	19.6	20.2	20.5	20.6	20.5	20.3	19.9
λ	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190	1200									
T	19.3	18.7	18.0	17.2	16.4	15.6	14.8	14	13.2	12.4	11.7	11.1									

<Characteristics>

Product	BS12-4B
Refractive index (n _i)	1.680
Expansion coefficient α [10 ⁻⁷ /°C]	117 (100/300)
Transition point T _g [°C]	541
Deformation point At[°C]	582
Softening point T _s [°C]	—
Knoop hardness Hk	320 (100g/15 sec)
Density [g/cm ³]	3.566

60°C/90% RH(non-coated)	1000HR
Optical property (non-coated)	Thickness1.00mm
360nm	78.2%
365nm	74.6%
400nm	0.8%
630nm	0.5%
715nm	24.2%
Composition type	Phosphate type
RoHS regulated substances (Pb,Hg,Cr(VI),Cd)	Not contained
Halogenated substances	Not contained
Antimony compound	Not contained