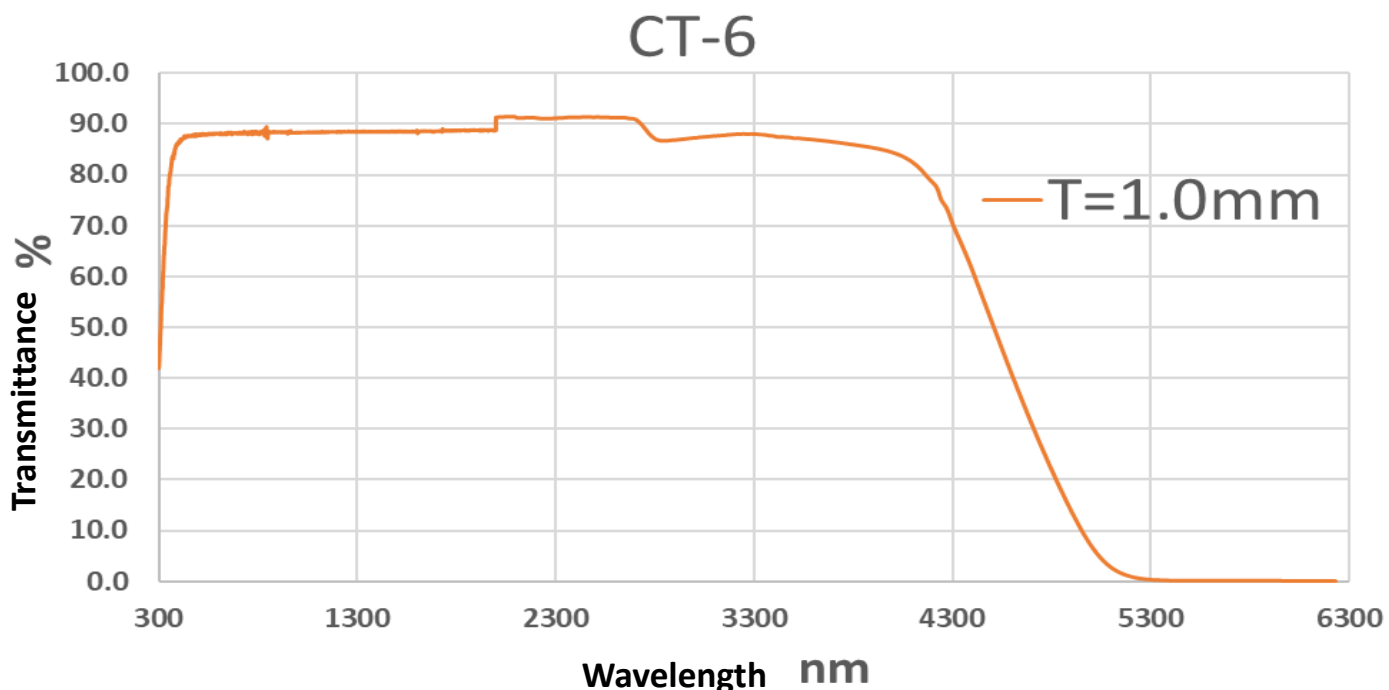


Segment: IR Pass Filter

MATSUNAMI GLASS IND.. LTD.

Products: CT-6

6th July 2006



T=1.0mm

λ	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500
T	42.0	49.9	58.2	66.2	72.8	77.9	80.8	83.7	84.5	85.8	86.5	87.1	87.1	87.6	87.7	87.7	87.7	87.9	87.7	87.9	87.9
λ	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660	670	680	690	700	710
T	87.8	88.0	87.9	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.1	88.0	88.2	88.2	88.3	88.3	88.2	88.2	88.2	88.2	88.3
λ	720	730	740	750	760	770	780	790	800	810	820	830	840	850	860	870	880	890	900	910	920
T	88.1	88.4	88.3	88.1	88.4	88.3	88.3	88.3	88.2	88.4	88.4	88.6	87.6	88.1	88.4	88.4	88.6	88.5	88.4	88.4	88.5
λ	930	940	950	960	970	980	990	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130
T	88.5	88.4	88.2	88.5	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.4	88.4	88.4	88.4	88.4	88.5	88.5
λ	1140	1150	1160	1170	1180	1190	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340
T	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.5	88.5	88.5	88.6	88.5	88.5	88.6	88.6
λ	1350	1360	1370	1380	1390	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550
T	88.5	88.5	88.6	88.5	88.5	88.5	88.6	88.6	88.6	88.5	88.5	88.5	88.5	88.6	88.5	88.6	88.6	88.6	88.6	88.6	88.6
λ	1560	1570	1580	1590	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760
T	88.5	88.5	88.6	88.5	88.7	88.5	88.6	88.7	88.6	88.6	88.6	88.6	88.5	88.6	88.6	88.6	88.7	88.9	88.7	88.8	88.8
λ	1770	1780	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970
T	88.7	88.8	88.8	88.8	88.8	88.7	88.8	88.9	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.7	88.9	88.8	88.8	88.8	88.8
λ	1980	1990	2000	2500	3000	3500	4000	4500	5000	5500	6000										
T	88.8	88.8	88.8	91.4	87.3	87.3	84.4	50.9	7.0	0.2	0.1										

T=1.0mm

<Characteristics>

λ = Wavelength(nm) T=Transmittance(%)

Product name	CT-6
Refractive index (nD)	1.657
Expansion coefficient α [10-7/°C]	49 (100/300)
Transition point T _g [°C]	895
Deformation point At [°C]	956
Softening point T _s [°C]	—
Knoop hardness Hk	— (100g/15Sec)
Density [g/cm ³]	3.5

60°C/90% RH (non-coated)	
Optical property (non-coated)	Thickness 1.0mm
1000nm	88.4%
2000nm	88.8%
3000nm	87.3%
4000nm	84.4%
5000nm	7.0%
Composition type	SiO ₂ -Al ₂ O ₃ -Y ₂ O ₃
RoHS regulated substances (Pb,Hg,Cr(VI),Cd)	Not contained
Halogenated substances	Not contained