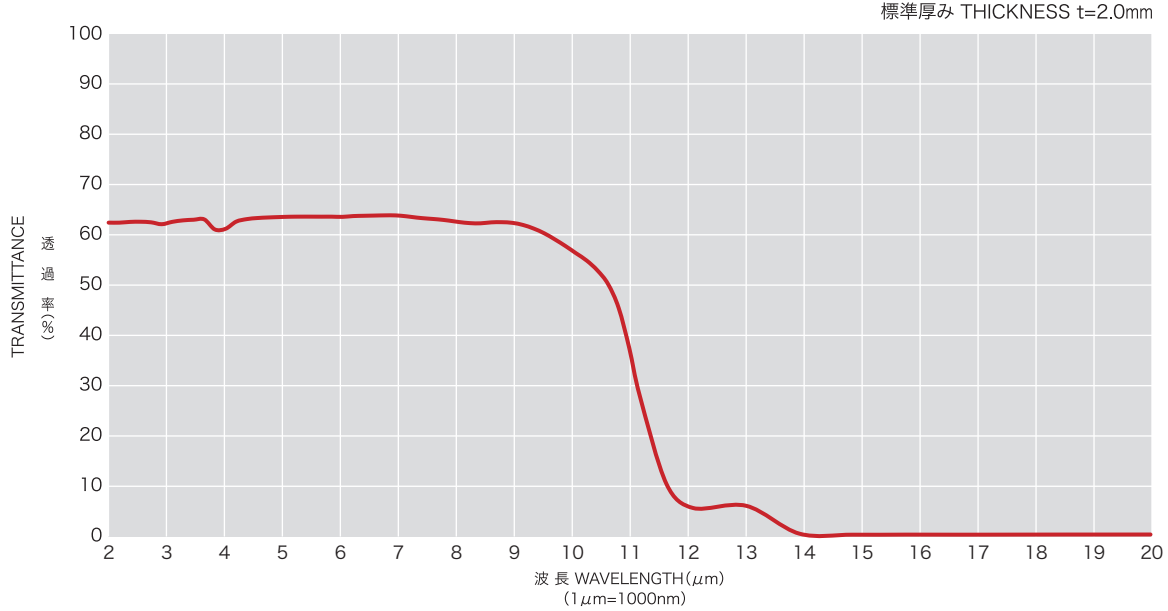


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No detrimental elements are included such as arsenic and selenium used for IR transmitting filter.

透過率 TRANSMITTANCE



λ (μm)	T (%)	τ	λ (μm)	T (%)	τ
2	62.3	0.992	8.6	62.4	0.972
2.2	62.3	0.991	8.8	62.2	0.968
2.4	62.4	0.992	9	62.2	0.967
2.6	62.5	0.992	9.2	62.4	0.969
2.8	62.4	0.987	9.4	62.4	0.969
3	62.0	0.981	9.6	62.3	0.967
3.2	62.5	0.988	9.8	61.8	0.960
3.4	62.7	0.991	10	61.1	0.949
3.6	62.9	0.993	10.2	60.2	0.935
3.8	62.9	0.994	10.4	58.9	0.916
4	60.9	0.965	10.6	57.6	0.897
4.2	61.1	0.966	10.8	56.2	0.875
4.4	62.5	0.986	11	54.7	0.853
4.6	63.0	0.993	11.2	52.8	0.823
4.8	63.2	0.995	11.4	50.0	0.783
5	63.3	0.995	11.6	45.3	0.710
5.2	63.4	0.995	11.8	37.2	0.587
5.4	63.5	0.995	12	27.6	0.438
5.6	63.5	0.995	12.5	10.1	0.161
5.8	63.5	0.994	13	5.3	0.085
6	63.5	0.994	14	5.8	0.091
6.2	63.5	0.993	15	0.2	0.004
6.4	63.4	0.992	16	0.0	0.000
6.6	63.6	0.994	17	0.0	0.001
6.8	63.7	0.994	18	0.0	0.000
7	63.7	0.994	19	0.0	0.001
7.2	63.7	0.994	20	0.0	0.001
7.4	63.7	0.994	21	0.1	0.001
7.6	63.6	0.991	22	0.1	0.001
7.8	63.3	0.986	23	0.0	0.000
8	63.1	0.983	24	0.1	0.002
8.2	62.9	0.980	25	0.6	0.008
8.4	62.7	0.976			

分光透過率特性 Spectrum transmittance characteristics	
厚み Thickness (mm)	11μm ≥50%
2.0	

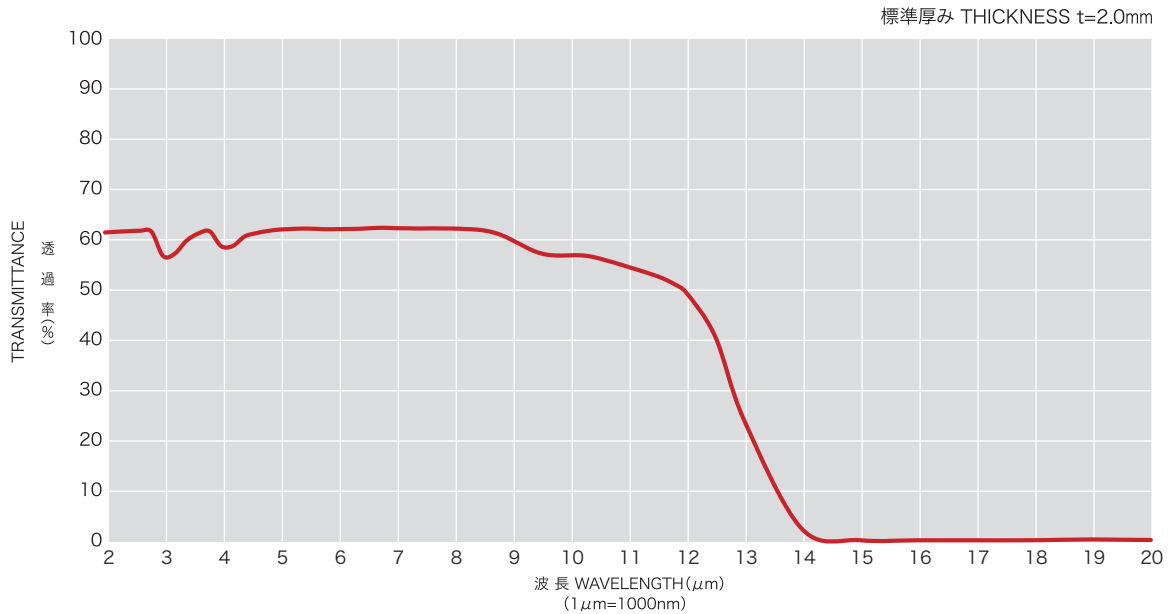
組成系	Glass Type	S-Sb-Sn-Ge
屈折率	Refractive index n (10.6μm)	2.679
熱膨張係数	Thermal expansion α <sub>100-200</sub> (X10 <sup>-7</sup> /°C)	161
転移点	Transformation temperature Tg (°C)	236
ヌーブ硬度 (HK)	Knoop hardness HK (kg/mm <sup>2</sup> )	131
耐水性	Durability Rw	1
比重	Specific gravity	4.15

(注意)  
 ●形状については円形、方形等様々な形状に対応可能です。  
 ●在庫等の関係で、表示したサイズの物がすぐにご用意できない場合がございますので、ご了承下さい。  
 (Notes)  
 ●We are able to accept variety of shapes such as circle or square. Please consult us.  
 ●Due to inventory some items can not be offered timely.

λ (μm) : 波 長 WAVELENGTH  
 T (%) : 透 過 率 TRANSMITTANCE  
 τ : 内部透過率 INTERNAL TRANSMITTANCE

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透過率 TRANSMITTANCE



λ (μm)	T (%)	τ	λ (μm)	T (%)	τ
2	61.4	0.998	8.6	61.6	0.967
2.2	61.5	0.998	8.8	61.0	0.958
2.4	61.6	0.997	9	59.9	0.942
2.6	61.7	0.997	9.2	58.7	0.923
2.8	61.5	0.980	9.4	57.6	0.906
3	56.7	0.910	9.6	57.0	0.896
3.2	57.1	0.917	9.8	56.8	0.892
3.4	59.7	0.953	10	56.8	0.891
3.6	61.1	0.976	10.2	56.8	0.891
3.8	61.6	0.984	10.4	56.5	0.886
4	58.6	0.941	10.6	55.9	0.877
4.2	58.7	0.941	10.8	55.2	0.867
4.4	60.6	0.967	11	54.5	0.856
4.6	61.2	0.976	11.2	53.8	0.845
4.8	61.7	0.983	11.4	53.1	0.834
5	61.9	0.983	11.6	52.2	0.820
5.2	62.1	0.988	11.8	51.1	0.802
5.4	62.1	0.985	12	49.4	0.778
5.6	62.1	0.989	12.5	40.7	0.644
5.8	62.0	0.985	13	24.0	0.390
6	62.0	0.983	14	2.3	0.038
6.2	62.1	0.981	15	0.1	0.001
6.4	62.1	0.977	16	0.0	0.001
6.6	62.2	0.984	17	0.0	0.001
6.8	62.3	0.983	18	0.1	0.001
7	62.2	0.980	19	0.2	0.004
7.2	62.2	0.982	20	0.1	0.002
7.4	62.2	0.979	21	0.3	0.003
7.6	62.2	0.977	22	0.3	0.006
7.8	62.2	0.978	23	0.3	0.005
8	62.1	0.977	24	0.5	0.005
8.2	62.1	0.976	25	1.7	0.023
8.4	61.9	0.973			

分光透過率特性 Spectrum transmittance characteristics	
厚み Thickness (mm)	11μm ≥50%
2.0	12μm ≥45%

組成系	Glass Type	S-Sb-Sn-Ga
屈折率	Refractive index n (10.6μm)	2.664
熱膨張係数	Thermal expansion α <sub>100-200</sub> (X10 <sup>-7</sup> /°C)	146
転移点	Transformation temperature Tg (°C)	250
ヌーブ硬度 (HK)	Knoop hardness HK (kg/mm <sup>2</sup> )	179
耐水性	Durability Rw	1
比重	Specific gravity	4.13

(注意)  
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 •在庫等の関係で、表示したサイズの物がすぐにご用意できない場合がございますので、ご了承下さい。  
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λ (μm) : 波 長 WAVELENGTH  
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 τ : 内部透過率 INTERNAL TRANSMITTANCE