

Catalogue Thickness 1.0 mm Refraction Factor 0.918

Spectral Transmittance Table & Internal Transmittance Table

nm	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	
T	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.010	0.028	0.010	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.036	0.062
Ti	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.011	0.031	0.011	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.008	0.040	0.068
nm	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660	670	
T	0.126	0.172	0.209	0.254	0.275	0.297	0.315	0.331	0.339	0.363	0.375	0.389	0.407	0.411	0.398	0.400	0.389	0.390	0.380	0.363	0.372	0.380	0.398	0.437	
Ti	0.137	0.187	0.228	0.277	0.300	0.324	0.343	0.360	0.369	0.396	0.409	0.424	0.444	0.448	0.434	0.436	0.424	0.425	0.414	0.396	0.405	0.414	0.434	0.476	
nm	680	690	700	710	720	730	740	750	760	780	800	820	840	860	880	900	920	940	960	980	1000	1050	1100	1150	
T	0.473	0.516	0.543	0.575	0.603	0.634	0.661	0.670	0.695	0.741	0.759	0.774	0.794	0.808	0.813	0.819	0.832	0.837	0.851	0.849	0.861	0.862	0.875	0.879	
Ti	0.516	0.562	0.592	0.627	0.656	0.691	0.720	0.730	0.757	0.808	0.826	0.843	0.865	0.880	0.886	0.892	0.906	0.912	0.927	0.925	0.938	0.940	0.953	0.958	
nm	1200	1250	1300	1350	1400	1450	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000			
T	0.881	0.886	0.891	0.900	0.910	0.912	0.916	0.922	0.924	0.929	0.938	0.948	0.962	0.967	0.969	0.959	0.941	0.915	0.891	0.860	0.793	0.631			
Ti	0.960	0.966	0.971	0.981	0.991	0.994	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.997	0.971	0.936	0.864	0.687			

Index-number

Line	i	h	g	F'	F	e	d	D	C'	C	r	A'	t
nm	365.0	404.7	435.8	480.0	486.1	546.1	587.6	589.3	643.8	656.3	706.5	768.2	1014.0
n						1.5220							

Abbe-number

Line	g	F'	F	e	d	D	C'	C	r
nm	435.8	480.0	486.1	546.1	587.6	589.3	643.8	656.3	706.5
v									

Color Specifications

	x	y	T	Thick
A				
B				

Properties

Chimic		Termic		Mechanic			Other		
FR*	SR*	Tg	CTE	SG	HG	Beta	Bubble	Visual Color	
								brownish	

Tolerances of Transmittance & Wavelength

T (%)		WL (nm)		T (%)		WL (nm)	
Standard Quality				Extra Standard Quality			
minor	10	minor	15	minor	5	minor	10

Spectral Transmittance Graphic

GOST TC1 CLOSE TO SCHOTT GLASS FG13 & HOYA GLASS LA140

