

QF50GTi			581409				n _d = 1.581440		v _d = 40.89		n _F - n _C = 0.014221	
							n _e = 1.584815		v _e = 40.61		n _{F'} - n _{C'} = 0.014400	
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透射率 Internal Transmittance T					
	λ (nm)		P _{s,t}	0.2410	P' _{s,t}	0.2380	λ (nm)	τ (10mm)	τ (25mm)			
n _{2325.42}	2325.42	1.549465	P _{C,s}	0.4991	P' _{C',s}	0.5388	2400	0.785	0.546			
n _{1970.09}	1970.09	1.554326	P _{d,C}	0.2960	P' _{d,C'}	0.2464	2200	0.847	0.660			
n _{1529.58}	1529.58	1.559692	P _{e,d}	0.2373	P' _{e,d}	0.2344	2000	0.921	0.814			
n _{1060.0}	1060.0	1.565921	P _{g,F}	0.5742	P' _{g,F'}	0.5087	1800	0.966	0.917			
n _t	1013.98	1.566706	P _{i,h}	0.8839	P' _{i,h}	0.8729	1600	0.992	0.981			
n _s	852.11	1.570133	异常色散 Abnormal Dispersions				1400	0.997	0.992			
n _r	706.52	1.574888					ΔP _{C,t}	0.0011	ΔP _{C,s}	0.0007	1200	0.999
n _C	656.27	1.577230	ΔP _{F,e}	-0.0006	ΔP _{g,F}	-0.0018	1060	0.999	0.998			
n _{C'}	643.85	1.577892	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.578514					λ ₈₀ /λ ₅	335/310			950	0.999
n _D	589.29	1.581315	λ ₇₀ /λ ₅				900	0.999	0.998			
n _d	587.56	1.581440	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.584815					T _g (°C)	422			800	0.999
n _F	486.13	1.591451	T _s (°C)	480			700	0.999	0.998			
n _{F'}	479.99	1.592292	T ₁₀ ^{14.5} (°C)	366			650	0.999	0.998			
n _g	435.83	1.599617	T ₁₀ ¹³ (°C)	406			600	0.999	0.998			
n _h	404.66	1.606642	T ₁₀ ^{7.6} (°C)	584			550	0.999	0.998			
n _i	365.01	1.619212	α _{30/70°C} (10 ⁻⁷ /K)	90			500	0.999	0.998			
n _{313.18}	313.18	1.647936	α _{100/300°C} (10 ⁻⁷ /K)	111			480	0.999	0.998			
n _{302.15}	302.15		λ[W/(m·K)]				460	0.999	0.998			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.998	0.995			
							Grade			420	0.998	0.995
K ₁	1.31145759E+00		Grade				400	0.998	0.995			
L ₁	9.88576985E-03						D _w	1		390	0.998	0.995
K ₂	8.40047425E-01		D _A	1		380	0.997	0.993				
L ₂	1.02880258E+02		CR	2		370	0.997	0.993				
K ₃	1.32407269E-01		RC(S)	3		365	0.996	0.990				
L ₃	4.77527930E-02		RA(S)	1		360	0.994	0.985				
折射率温度系数常数 Constants of dn/dt			Grade				350	0.986	0.965			
							D _w	1		340	0.961	0.905
D ₀	-2.74E-06		D _A	1		330	0.850	0.666				
D ₁	1.64E-08		CR	2		320	0.492	0.170				
D ₂	-5.12E-11		RC(S)	3		310	0.045					
E ₀	8.26E-07		RA(S)	1		300						
E ₁	4.87E-10					290						
λ _{TK} (μm)	0.234					280						
折射率温度系数 Temperature Coefficients of Refractive Index			机械性质 Mechanical Properties				H _k (10 ⁷ Pa)	407				
							F _A	89				
温度范围 (°C)	dn/dt relative(10 ⁻⁶ /°C)						E (10 ⁷ Pa)	5980				
Range of Temperature	t	C'	d	e	F'	g	G (10 ⁷ Pa)	2444				
-60~-40	0.1	0.8	1.0	1.3	2.0	2.6	μ	0.224				
-40~-20	0.2	0.9	1.1	1.4	2.1	2.7	B (10 ⁻¹² /Pa)	2.77				
-20~0	0.3	1.1	1.3	1.6	2.1	2.8	其他性质 Other Properties					
0~20	0.6	1.2	1.5	1.8	2.3	3.0						
20~40	0.7	1.3	1.6	1.9	2.4	3.1	ρ (g/cm ³)	3.23				
40~60	0.8	1.4	1.7	2.0	2.7	3.5	备注 Remarks					
60~80	0.8	1.6	1.8	2.1	2.9	3.6						
80~100	0.8	1.6	1.8	2.1	2.9	3.6	i线玻璃					
100~120	0.8	1.6	1.8	2.1	2.9	3.6						
120~140	0.8	1.6	1.9	2.1	3.0	3.7						