

QF50GTi			581409				n <sub>d</sub> = 1.581440		v <sub>d</sub> = 40.89		n <sub>F</sub> - n <sub>C</sub> = 0.014221	
							n <sub>e</sub> = 1.584815		v <sub>e</sub> = 40.61		n <sub>F'</sub> - n <sub>C'</sub> = 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 <sub>s,t</sub>	0.2410	P' <sub>s,t</sub>	0.2380	λ (nm)	τ (10mm)	τ (25mm)			
n <sub>2325.42</sub>	2325.42	1.549465	P <sub>C,s</sub>	0.4991	P' <sub>C',s</sub>	0.5388	2400	0.785	0.546			
n <sub>1970.09</sub>	1970.09	1.554326	P <sub>d,C</sub>	0.2960	P' <sub>d,C'</sub>	0.2464	2200	0.844	0.655			
n <sub>1529.58</sub>	1529.58	1.559692	P <sub>e,d</sub>	0.2373	P' <sub>e,d</sub>	0.2344	2000	0.921	0.813			
n <sub>1060.0</sub>	1060.0	1.565921	P <sub>g,F</sub>	0.5742	P' <sub>g,F'</sub>	0.5087	1800	0.965	0.915			
n <sub>t</sub>	1013.98	1.566706	P <sub>i,h</sub>	0.8839	P' <sub>i,h</sub>	0.8729	1600	0.992	0.981			
n <sub>s</sub>	852.11	1.570133	异常色散 Abnormal Dispersions				1400	0.996	0.991			
n <sub>r</sub>	706.52	1.574888					ΔP <sub>C,t</sub>	0.0011	ΔP <sub>C,s</sub>	0.0007	1200	0.999
n <sub>C</sub>	656.27	1.577230	ΔP <sub>F,e</sub>	-0.0006	ΔP <sub>g,F</sub>	-0.0018	1060	0.999	0.998			
n <sub>C'</sub>	643.85	1.577892	着色度 Color Code				1000	0.999	0.998			
n <sub>He-Ne</sub>	632.8	1.578514					λ <sub>80</sub> /λ <sub>5</sub>	335/310		950	0.999	0.998
n <sub>D</sub>	589.29	1.581315	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.998				
n <sub>d</sub>	587.56	1.581440	热性质 Thermal Properties				850	0.999	0.998			
n <sub>e</sub>	546.07	1.584815					T <sub>g</sub> (°C)	422		800	0.999	0.998
n <sub>F</sub>	486.13	1.591451	T <sub>s</sub> (°C)	480		700	0.999	0.998				
n <sub>F'</sub>	479.99	1.592292	T <sub>10</sub> <sup>14.5</sup> (°C)	366		650	0.999	0.998				
n <sub>g</sub>	435.83	1.599617	T <sub>10</sub> <sup>13</sup> (°C)	406		600	0.999	0.998				
n <sub>h</sub>	404.66	1.606642	T <sub>10</sub> <sup>7.6</sup> (°C)	584		550	0.999	0.998				
n <sub>i</sub>	365.01	1.619212	α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	90		500	0.999	0.998				
n <sub>313.18</sub>	313.18	1.647936	α <sub>100/300°C</sub> (10 <sup>-7</sup> /K)	111		480	0.999	0.997				
n <sub>302.15</sub>	302.15		λ[W/(m·K)]			460	0.998	0.996				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.998	0.995			
							K <sub>1</sub>	1.31145759E+00		Grade	420	0.998
L <sub>1</sub>	9.88576985E-03		D <sub>w</sub>	1		400	0.998	0.995				
K <sub>2</sub>	8.40047425E-01		D <sub>A</sub>	1		390	0.998	0.995				
L <sub>2</sub>	1.02880258E+02		CR	2		380	0.997	0.993				
K <sub>3</sub>	1.32407269E-01		RC(S)	3		370	0.994	0.985				
L <sub>3</sub>	4.77527930E-02		RA(S)	1		365	0.990	0.975				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				360	0.987	0.968			
							D <sub>0</sub>	-2.74E-06		H <sub>k</sub> (10 <sup>7</sup> Pa)	407	
D <sub>1</sub>	1.64E-08		Grade				340	0.927	0.827			
D <sub>2</sub>	-5.12E-11						D <sub>w</sub>	1		330	0.789	0.553
E <sub>0</sub>	8.26E-07		D <sub>A</sub>	1		320	0.404	0.104				
E <sub>1</sub>	4.87E-10		CR	2		310						
λ <sub>TK</sub> (μm)	0.234		RC(S)	3		300						
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 <sup>-6</sup> /°C)				290					
							280					
温度范围 (°C)			dn/dt relative(10 <sup>-6</sup> /°C)				其他性质 Other Properties					
							ρ (g/cm <sup>3</sup> )		3.23			
Range of Temperature	t	C'	d	e	F'	g	备注 Remarks					
-60~-40	0.1	0.8	1.0	1.3	2.0	2.6					i线玻璃	
-40~-20	0.2	0.9	1.1	1.4	2.1	2.7						
-20~0	0.3	1.1	1.3	1.6	2.1	2.8						
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						
40~60	0.8	1.4	1.7	2.0	2.7	3.5						
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						
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						