

H-QK3LGTi 487704			n _d = 1.487490		v _d = 70.44		n _F - n _C = 0.006921			
			n _e = 1.489143		v _e = 70.26		n _{F'} - n _{C'} = 0.006962			
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}	0.3251	P' _{s,t}	0.3232	λ (nm)	τ (10mm)	τ (25mm)	
n _{2325.42}	2325.42	1.461770	P _{C,s}	0.5736	P' _{C',s}	0.6198	2400	0.860	0.686	
n _{1970.09}	1970.09	1.467372	P _{d,C}	0.3096	P' _{d,C'}	0.2583	2200	0.900	0.768	
n _{1529.58}	1529.58	1.473126	P _{e,d}	0.2388	P' _{e,d}	0.2374	2000	0.981	0.953	
n _{1060.0}	1060.0	1.478559	P _{g,F}	0.5293	P' _{g,F'}	0.4707	1800	0.990	0.975	
n _t	1013.98	1.479127	P _{i,h}	0.7328	P' _{i,h}	0.7285	1600	0.993	0.983	
n _s	852.11	1.481377	异常色散 Abnormal Dispersions				1400	0.985	0.963	
n _r	706.52	1.484102					ΔP _{C,t}	0.0205	ΔP _{C,s}	0.0053
n _C	656.27	1.485347	ΔP _{F,e}	0.0002	ΔP _{g,F}	0.0035	1060	0.999	0.998	
n _{C'}	643.85	1.485692	着色度 Color Code				1000	0.999	0.998	
n _{He-Ne}	632.8	1.486012					λ ₈₀ /λ ₅	300/270		950
n _D	589.29	1.487428	λ ₇₀ /λ ₅			900	0.999	0.998		
n _d	587.56	1.487490	热性质 Thermal Properties				850	0.999	0.998	
n _e	546.07	1.489143					T _g (°C)	475		800
n _F	486.13	1.492268	T _s (°C)	569		700	0.998	0.995		
n _{F'}	479.99	1.492654	T ₁₀ ^{14.5} (°C)	432		650	0.998	0.995		
n _g	435.83	1.495931	T ₁₀ ¹³ (°C)	466		600	0.998	0.995		
n _h	404.66	1.498939	T ₁₀ ^{7.6} (°C)	674		550	0.998	0.995		
n _i	365.01	1.504011	α _{30/70°C} (10 ⁻⁷ /K)	92		500	0.998	0.995		
n _{313.18}	313.18	1.514137	α _{100/300°C} (10 ⁻⁷ /K)	102		480	0.998	0.995		
n _{302.15}	302.15	1.517093	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	0.996	
							K ₁	6.01737491E-01		Grade
L ₁	1.25749740E-02		D _w	2		400	0.998	0.996		
K ₂	8.58737004E-01		D _A	4		390	0.998	0.996		
L ₂	9.23325663E+01		CR	2		380	0.998	0.996		
K ₃	5.86761501E-01		RC(S)	1		370	0.998	0.996		
L ₃	2.68750900E-03		RA(S)	3		365	0.998	0.996		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				360	0.998	0.996	
							D ₀	-9.26E-06		H _k (10 ⁷ Pa)
D ₁	1.71E-08		D _w	2		350	0.997	0.993		
D ₂	-1.54E-11		D _A	4		340	0.995	0.986		
E ₀	3.26E-07		CR	2		330	0.992	0.980		
E ₁	5.95E-10		RC(S)	1		320	0.978	0.946		
λ _{TK} (μm)	0.187		RA(S)	3		310	0.946	0.870		
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)				300	0.858	0.682	
							温度范围 (°C)	Range of Temperature		
-60~-40		-2.6	-2.3	-2.2	-2.2	-2.0	-1.9	290	0.658	0.351
-40~-20		-2.5	-2.2	-2.1	-2.1	-2.0	-1.8	280	0.326	0.061
-20~0		-2.3	-2.1	-2.0	-2.0	-1.9	-1.7	其他性质 Other Properties		
0~20		-2.1	-2.0	-2.0	-1.9	-1.8	-1.6	ρ (g/cm ³)	2.43	
20~40		-2.1	-1.9	-1.8	-1.8	-1.6	-1.5	备注 Remarks		
40~60		-2.1	-1.9	-1.7	-1.7	-1.5	-1.4			i 线玻璃
60~80		-1.9	-1.9	-1.7	-1.6	-1.4	-1.1			
80~100		-1.7	-1.6	-1.4	-1.3	-1.1	-0.8			
100~120		-1.7	-1.3	-1.2	-1.2	-0.9	-0.7			
120~140		-1.5	-1.1	-1.1	-1.1	-0.8	-0.6			