

H-K8			516568				n _d = 1.516020		v _d = 56.79		n _F - n _C = 0.009086	
							n _e = 1.518185		v _e = 56.53		n _{F'} - n _{C'} = 0.009167	
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}	0.2791	P' _{s,t}	0.2766	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.489987	P _{C,s}	0.5355	P' _{C',s}	0.5787	2400	0.908	0.824			
n _{1970.09}	1970.09	1.494809	P _{d,C}	0.3035	P' _{d,C'}	0.2530	2200	0.924	0.854			
n _{1529.58}	1529.58	1.499934	P _{e,d}	0.2383	P' _{e,d}	0.2362	2000	0.966	0.933			
n _{1060.0}	1060.0	1.505251	P _{g,F}	0.5466	P' _{g,F'}	0.4850	1800	0.984	0.968			
n _t	1013.98	1.505860	P _{i,h}	0.7803	P' _{i,h}	0.7734	1600	0.996	0.991			
n _s	852.11	1.508396	异常色散 Abnormal Dispersions				1400	0.996	0.992			
n _r	706.52	1.511695					ΔP _{C,t}	0.0008	ΔP _{C,s}	-0.0005	1200	0.999
n _C	656.27	1.513262	ΔP _{F,e}	-0.0005	ΔP _{g,F}	-0.0024	1060	0.999	0.998			
n _{C'}	643.85	1.513701	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.514111					λ ₈₀ /λ ₅	340/310			950	0.999
n _D	589.29	1.515939	λ ₇₀ /λ ₅				900	0.999	0.998			
n _d	587.56	1.516020	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.518185					T _g (°C)	512			800	0.998
n _F	486.13	1.522348	T _s (°C)	570			700	0.998	0.996			
n _{F'}	479.99	1.522868	T ₁₀ ^{14.5} (°C)	467			650	0.998	0.996			
n _g	435.83	1.527314	T ₁₀ ¹³ (°C)	499			600	0.997	0.995			
n _h	404.66	1.531453	T ₁₀ ^{7.6} (°C)	684			550	0.997	0.995			
n _i	365.01	1.538543	α _{30/70°C} (10 ⁻⁷ /K)	87			500	0.997	0.995			
n _{313.18}	313.18	1.553138	α _{100/300°C} (10 ⁻⁷ /K)	97			480	0.997	0.994			
n _{302.15}	302.15	1.557518	λ[W/(m·K)]				460	0.997	0.994			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.996	0.993			
							Grade			420	0.996	0.993
K ₁	8.90422310E-01		D _w	2			400	0.996	0.992			
L ₁	1.09831873E+02		D _A	1			390	0.995	0.990			
K ₂	2.20099174E-01		CR	2			380	0.992	0.985			
L ₂	2.47288604E-02		RC(S)	3			370	0.988	0.977			
K ₃	1.04379220E+00		RA(S)	1			360	0.978	0.956			
L ₃	6.57041675E-03		机械性质 Mechanical Properties				350	0.954	0.911			
折射率温度系数常数 Constants of dn/dt							H _k (10 ⁷ Pa)		435		340	0.901
			D ₀	8.89E-07		F _A	75		330	0.776	0.602	
D ₁	1.59E-08		Grade				320	0.519	0.269			
D ₂	-3.21E-11						D _w	2			310	0.192
E ₀	5.87E-07		D _A	1			300					
E ₁	4.31E-10		CR	2			290					
λ _{TK} (μm)	0.197		RC(S)	3			280					
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)				E (10 ⁷ Pa)		6779			
							G (10 ⁷ Pa)		2772		μ	
温度范围 (°C)			t	C'	d	e	F'	g	B (10 ⁻¹² /Pa)			
Range of Temperature									3.01			
-60~-40	1.8	2.1	2.3	2.5	2.8	3.2	其他性质 Other Properties					
-40~-20	1.9	2.2	2.4	2.5	2.9	3.3						
-20~0	1.9	2.3	2.5	2.7	2.9	3.4	ρ (g/cm ³)		2.58			
0~20	2.0	2.4	2.5	2.8	3.0	3.5	备注 Remarks					
20~40	2.1	2.5	2.6	2.8	3.2	3.6						
40~60	2.2	2.6	2.8	2.9	3.4	3.7						
60~80	2.2	2.7	2.9	3.0	3.5	3.9						
80~100	2.3	2.8	3.0	3.2	3.6	4.0						
100~120	2.3	2.9	3.0	3.2	3.6	4.0						
120~140	2.4	3.0	3.1	3.3	3.7	4.1						