

D-PK3			525704			n _d = 1.525000		v _d = 70.37		n _F - n _C = 0.007461	
						n _e = 1.526781		v _e = 70.16		n _{F'} - n _{C'} = 0.007508	
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}	0.3185	P' _{s,t}	0.3165	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.498223	P _{C,s}	0.5686	P' _{C',s}	0.6143	2400	0.758	0.574		
n _{1970.09}	1970.09	1.503952	P _{d,C}	0.3089	P' _{d,C'}	0.2577	2200	0.810	0.656		
n _{1529.58}	1529.58	1.509852	P _{e,d}	0.2387	P' _{e,d}	0.2372	2000	0.897	0.805		
n _{1060.0}	1060.0	1.515482	P _{g,F}	0.5306	P' _{g,F'}	0.4718	1800	0.945	0.892		
n _t	1013.98	1.516077	P _{i,h}	0.7353	P' _{i,h}	0.7307	1600	0.984	0.969		
n _s	852.11	1.518453	异常色散 Abnormal Dispersions						1400	0.998	0.997
n _r	706.52	1.521359							ΔP _{C,t}	0.0092	ΔP _{C,s}
n _C	656.27	1.522695	ΔP _{F,e}	0.0010	ΔP _{g,F}	0.0048	1060	0.999	0.998		
n _{C'}	643.85	1.523065	着色度 Color Code						1000	0.999	0.998
n _{He-Ne}	632.8	1.523410							λ ₈₀ /λ ₅	340/300	
n _D	589.29	1.524933	λ ₇₀ /λ ₅				900	0.999	0.998		
n _d	587.56	1.525000	热性质 Thermal Properties						850	0.999	0.998
n _e	546.07	1.526781							T _g (°C)	545	
n _F	486.13	1.530156	T _s (°C)	592			700	0.998	0.996		
n _{F'}	479.99	1.530573	T ₁₀ ^{14.5} (°C)	493			650	0.998	0.996		
n _g	435.83	1.534115	T ₁₀ ¹³ (°C)	529			600	0.998	0.996		
n _h	404.66	1.537368	T ₁₀ ^{7.6} (°C)	648			550	0.998	0.996		
n _i	365.01	1.542854	α _{30/70°C} (10 ⁻⁷ /K)	81			500	0.996	0.992		
n _{313.18}	313.18	1.553807	α _{100/300°C} (10 ⁻⁷ /K)	98			480	0.994	0.989		
n _{302.15}	302.15	1.557004	λ[W/(m·K)]				460	0.994	0.988		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties						440	0.994	0.988
									K ₁	6.31688714E-01	
L ₁	1.27792227E-02		D _w			3			400	0.994	0.988
K ₂	6.66896432E-01		D _A			3			390	0.993	0.986
L ₂	3.13927857E-03		CR			2			380	0.990	0.980
K ₃	8.74644819E-01		RC(S)			1			370	0.984	0.969
L ₃	9.01740670E+01		RA(S)			1			360	0.975	0.950
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties						350	0.956	0.913
									D ₀	-3.49E-06	
D ₁	1.52E-08		E (10 ⁷ Pa)			7071					
D ₂	-7.04E-11		G (10 ⁷ Pa)			2863					
E ₀	4.13E-07		μ			0.235					
E ₁	3.57E-10		B (10 ⁻¹² /Pa)			2.22					
λ _{TK} (μm)	0.131		其他性质 Other Properties						ρ (g/cm ³)		2.65
折射率温度系数 Temperature Coefficients of Refractive Index									备注 Remarks		
温度范围 (°C)			dn/dt relative(10⁻⁶/°C)						*: 退火速率 anneal rate 4°C/h		
Range of Temperature			t	C'	d	e	F'	g			
-60~-40											
-40~-20			-0.4	-0.1	0.1	0.2	0.3	0.5			
-20~0			0.0	0.2	0.3	0.4	0.5	0.9			
0~20			0.1	0.3	0.5	0.5	0.7	0.9			
20~40			0.2	0.2	0.5	0.6	0.8	1.0			
40~60			0.1	0.3	0.5	0.6	0.8	1.0			
60~80			0.2	0.6	0.7	0.9	1.1	1.3			
80~100											
100~120											
120~140											