

D-LaK70-25			668553		n _d = 1.668000		v _d = 55.30		n _F - n _C = 0.012080				
					n _e = 1.670880		v _e = 55.06		n _{F'} - n _{C'} = 0.012185				
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}	0.2846	P' _{s,t}	0.2822	λ (nm)	τ (5mm)	τ (10mm)				
n _{2325.42}	2325.42	1.631998	P _{C,s}	0.5399	P' _{C',s}	0.5833	2400	0.860	0.740				
n _{1970.09}	1970.09	1.638888	P _{d,C}	0.3041	P' _{d,C'}	0.2535	2200	0.963	0.928				
n _{1529.58}	1529.58	1.646146	P _{e,d}	0.2384	P' _{e,d}	0.2364	2000	0.988	0.976				
n _{1060.0}	1060.0	1.653533	P _{g,F}	0.5449	P' _{g,F'}	0.4835	1800	0.997	0.994				
n _t	1013.98	1.654366	P _{i,h}	0.7742	P' _{i,h}	0.7675	1600	0.999	0.998				
n _s	852.11	1.657804	异常色散 Abnormal Dispersions				1400	0.999	0.998				
n _r	706.52	1.662232					ΔP _{C,t}	0.0177	ΔP _{C,s}	0.0074	1200	0.999	0.998
n _C	656.27	1.664326	ΔP _{F,e}	-0.0020	ΔP _{g,F}	-0.0067	1060	0.999	0.998				
n _{C'}	643.85	1.664911	着色度 Color Code				1000	0.999	0.998				
n _{He-Ne}	632.8	1.665458					λ ₈₀ /λ ₅	350/280		950	0.999	0.998	
n _D	589.29	1.667892	λ ₇₀ /λ ₅			900	0.999	0.998					
n _d	587.56	1.668000	热性质 Thermal Properties				850	0.999	0.998				
n _e	546.07	1.670880					T _g (°C)	531		800	0.999	0.998	
n _F	486.13	1.676406	T _s (°C)	567		700	0.998	0.997					
n _{F'}	479.99	1.677096	T ₁₀ ^{14.5} (°C)	488		650	0.998	0.997					
n _g	435.83	1.682988	T ₁₀ ¹³ (°C)	518		600	0.998	0.996					
n _h	404.66	1.688463	T ₁₀ ^{7.6} (°C)	626		550	0.998	0.996					
n _i	365.01	1.697815	α _{30/70°C} (10 ⁻⁷ /K)	73		500	0.997	0.995					
n _{313.18}	313.18	1.716913	α _{100/300°C} (10 ⁻⁷ /K)	91		480	0.997	0.994					
n _{302.15}	302.15	1.722591	λ[W/(m·K)]			460	0.996	0.993					
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.996	0.992				
							K ₁	6.15746796E-01		Grade	420	0.995	0.990
L ₁	3.10601738E-04		D _w	1		400	0.993	0.986					
K ₂	1.11671184E+00		D _A	6		390	0.995	0.990					
L ₂	1.58114210E-02		CR	1		380	0.993	0.986					
K ₃	1.29436779E+00		RC(S)	1		370	0.981	0.963					
L ₃	1.02149797E+02		RA(S)	3		360	0.968	0.937					
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.946	0.895				
							D ₀	2.10E-06		H _k (10 ⁷ Pa)	660		
D ₁	1.31E-08		折射率温度系数 Temperature Coefficients of Refractive Index				F _A	135					
D ₂	-3.75E-11						温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)		E (10 ⁷ Pa)	11335	
E ₀	5.42E-07		t	C'	d	e					F'	g	G (10 ⁷ Pa)
E ₁	6.96E-10		-60~-40	2.7	3.0	3.2	3.4	3.8	4.1	μ	0.284		
λ _{TK} (μm)	0.177		-40~-20	2.7	3.2	3.3	3.4	3.8	4.1	B (10 ⁻¹² /Pa)	1.91		
其他性质 Other Properties			0~-20	2.9	3.3	3.5	3.6	3.9	4.5	备注 Remarks			
			20~40	3.0	3.3	3.5	3.8	4.3	4.6			**:退火速率 anneal rate 25°C/h	
			40~60	3.0	3.4	3.6	3.9	4.4	4.8				
			60~80	3.0	3.5	3.7	4.0	4.4	4.9				
			80~100	3.0	3.7	3.9	4.0	4.4	4.9				
			100~120	3.0	3.7	4.0	4.1	4.5	4.9				
			120~140	3.0	3.7	4.0	4.1	4.5	4.9				
			ρ (g/cm ³)	3.35									