

H-TF8		720348		n _d = 1.72046		v _d = 34.76		n _F - n _C = 0.020728		
				n _e = 1.72536		v _e = 34.52		n _{F'} - n _{C'} = 0.021011		
折射率 Refractive Indices			化学性质 Chemical Properties				内部透射率τ			
λ (nm)			Grade				Internal Transmittance τ			
n _t	1014.0	1.69935	RC(S)	1			λ (nm)	τ (5mm)	τ (10mm)	
n _s	852.1	1.70421	RA(S)	3			2400	0.879	0.773	
n _r	706.5	1.71101	D _w	1			2200	0.940	0.884	
n _C	656.3	1.71437	D _A	1			2000	0.981	0.962	
n _{C'}	643.8	1.71533	CR	1			1800	0.990	0.980	
n _{He-Ne}	632.8	1.71623					1600	0.995	0.990	
n _D	589.3	1.72028					1400	0.995	0.990	
n _d	587.6	1.72046	热性质 Thermal Properties				1200	0.999	0.998	
n _e	546.1	1.72536	T _g (°C)	562			1060	0.999	0.998	
n _F	486.1	1.73510	T _s (°C)	623			1000	0.999	0.998	
n _{F'}	480.0	1.73634	T ₁₀ ^{14.5} (°C)	527			950	0.999	0.998	
n _g	435.8	1.74722	T ₁₀ ¹³ (°C)	558			900	0.999	0.998	
n _h	404.7	1.75777	T ₁₀ ^{7.6} (°C)	685			850	0.999	0.998	
n _i	365.0	1.77702	α _{30/70°C} (10 ⁻⁷ /K)	71			800	0.999	0.998	
色散公式常数 Constants of Dispersion Formula			α _{100/300°C} (10 ⁻⁷ /K)	88			700	0.999	0.997	
			λ(W/m·K)				650	0.998	0.996	
A ₀	2.8711436		机械性质 Mechanical Properties				600	0.998	0.996	
A ₁	-1.2464736×10 ⁻²		H _k (10 ⁷ Pa)	526			550	0.998	0.995	
A ₂	2.9424255×10 ⁻²		F _A	161			500	0.992	0.985	
A ₃	8.8331095×10 ⁻⁴		E (10 ⁷ Pa)	9114			480	0.991	0.982	
A ₄	7.4066249×10 ⁻⁶		G (10 ⁷ Pa)	3609			460	0.987	0.975	
A ₅	4.5859334×10 ⁻⁶		μ	0.263			440	0.983	0.967	
相对部分色散 Relative Partial Dispersions			B (10 ⁻¹² /Pa)				420	0.977	0.955	
			P _{s,t}	0.2345	P' _{s,t}	0.2313		400	0.960	0.922
P _{C,s}	0.4902	P' _{C',s}				390	0.943	0.890		
P _{d,C}	0.2938	P' _{d,C'}	其他性质 Other Properties			380	0.917	0.840		
P _{e,d}	0.2364	P' _{e,d}	ρ (g/cm ³)			370	0.870	0.757		
P _{g,F}	0.5847	P' _{g,F'}	3.51			360	0.791	0.626		
相对部分色散相对“常规线”的偏离 Deviation of Relative Partial Dispersions ΔP from the “Normal Line”			折射率温度系数常数 Constants of dn/dt				350	0.650	0.423	
			ΔP _{C,t}	0.0146		D ₀	2.86×10 ⁻⁸		340	0.387
ΔP _{C,s}	0.0063		D ₁	1.68×10 ⁻⁸		330	0.176	0.031		
ΔP _{F,e}	-0.0007		D ₂	-3.53×10 ⁻¹¹		320				
ΔP _{g,F}	-0.0018		E ₀	6.29×10 ⁻⁷		310				
折射率温度系数 Temperature Coefficients of Refractive Index			E ₁	6.51×10 ⁻¹⁰		300				
			温度范围 (°C)	dn/dt relative(10 ⁻⁶ /°C)						290
Range of Temperature	t	C'	d	e	F'	g	280			
-40~-20	1.6	2.3	2.5	2.8	3.5	4.3				
-20~0	1.8	2.4	2.5	2.9	3.9	4.7	着色度 Coloration Code			
0~20	1.9	2.5	2.6	3.0	4.1	4.9	λ ₈₀ /λ ₅	40/34		
20~40	2.2	2.8	3.0	3.4	4.4	5.2	λ ₇₀ /λ ₅			
40~60	2.2	3.0	3.3	3.7	4.5	5.6	备注 Remarks			
60~80	2.2	3.1	3.5	3.8	4.6	5.8				