

H-LaF2			717479		$n_d = 1.717000$	$\nu_d = 47.89$	$n_F - n_C = 0.014972$		
					$n_e = 1.720562$	$\nu_e = 47.60$	$n_{F'} - n_{C'} = 0.015137$		
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透射率 Internal Transmittance T		
	λ (nm)		$P_{s,t}$	0.2500	$P'_{s,t}$	0.2473	λ (nm)	τ (5mm)	τ (10mm)
$n_{2325.42}$	2325.42	1.681740	$P_{C,s}$	0.5103	$P'_{C',s}$	0.5514	2400	0.892	0.795
$n_{1970.09}$	1970.09	1.687261	$P_{d,C}$	0.2991	$P'_{d,C'}$	0.2491	2200	0.954	0.909
$n_{1529.58}$	1529.58	1.693333	$P_{e,d}$	0.2379	$P'_{e,d}$	0.2353	2000	0.981	0.962
$n_{1060.0}$	1060.0	1.700276	$P_{g,F}$	0.5606	$P'_{g,F'}$	0.4969	1800	0.991	0.981
n_t	1013.98	1.701139	$P_{i,h}$	0.8244	$P'_{i,h}$	0.8154	1600	0.997	0.993
n_s	852.11	1.704882	异常色散 Abnormal Dispersions				1400	0.997	0.995
n_r	706.52	1.710015					$\Delta P_{C,t}$	-0.0116	$\Delta P_{C,s}$
n_C	656.27	1.712522	$\Delta P_{F,e}$	-0.0005	$\Delta P_{g,F}$	-0.0035	1060	0.999	0.998
$n_{C'}$	643.85	1.713229	着色度 Color Code				1000	0.999	0.998
n_{He-Ne}	632.8	1.713892					λ_{80}/λ_5	380/340	
n_D	589.29	1.716868	λ_{70}/λ_5			900	0.999	0.998	
n_d	587.56	1.717000	热性质 Thermal Properties				850	0.999	0.998
n_e	546.07	1.720562					T_g (°C)	666	
n_F	486.13	1.727494	T_s (°C)	704		700	0.999	0.998	
$n_{F'}$	479.99	1.728366	$T_{10}^{14.5}$ (°C)	612		650	0.999	0.998	
n_g	435.83	1.735888	T_{10}^{13} (°C)	650		600	0.999	0.998	
n_h	404.66	1.742975	$T_{10}^{7.6}$ (°C)	772		550	0.999	0.998	
n_i	365.01	1.755318	$\alpha_{30/70^\circ C}$ (10 ⁻⁷ /K)	74		500	0.998	0.997	
$n_{313.18}$	313.18		$\alpha_{100/300^\circ C}$ (10 ⁻⁷ /K)	91		480	0.997	0.995	
$n_{302.15}$	302.15		$\lambda[W/(m \cdot K)]$			460	0.997	0.994	
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.995	0.991
							K_1	1.62865121E+00	
L_1	8.64219294E-03		D_W	1		400	0.988	0.976	
K_2	1.11837078E+00		D_A	6		390	0.979	0.958	
L_2	1.09900598E+02		CR	1		380	0.963	0.928	
K_3	2.53252293E-01		RC(S)	1		370	0.928	0.862	
L_3	3.42503107E-02		RA(S)	3		360	0.851	0.725	
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.688	0.474
							D_0	-4.12E-06	
D_1	2.75E-08		折射率温度系数 Temperature Coefficients of Refractive Index				330		
D_2	-1.05E-10						温度范围 (°C)		dn/dt relative(10⁻⁶/°C)
E_0	8.05E-07		Range of Temperature	t	C'	d			
E_1	-8.24E-10		-60~-40						
$\lambda_{TK}(\mu m)$	0.107		-40~-20	-1.0	-0.6	-0.3	-0.1	0.5	0.8
折射率温度系数 Temperature Coefficients of Refractive Index			-20~0	-1.0	-0.6	-0.3	0.0	0.5	1.0
			0~20	-0.6	0.1	0.6	0.7	1.4	1.8
温度范围 (°C)			20~40	-0.2	0.7	1.0	1.2	1.5	2.0
			40~60	0.2	0.8	1.0	1.1	1.6	2.2
Range of Temperature			60~80	0.3	0.9	1.1	1.2	1.7	2.4
			80~100						
其他性质 Other Properties			100~120						
			120~140						
备注 Remarks			ρ (g/cm ³)		4.25				