

H-ZK9A		620603	n _d = 1.62041		v _d = 60.34		n _F − n _C = 0.010281		
			n _e = 1.62286		v _e = 60.10		n _{F'} − n _{C'} = 0.010363		
Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance		
	λ (nm)	n _λ					λ (nm)	τ5mm	τ10mm
n ₂₃₂₅	2325.42	1.58878					2400	0.864	0.746
n ₁₉₇₀	1970.09	1.59483					2200	0.944	0.891
n ₁₅₃₀	1529.58	1.60134					2000	0.995	0.990
n ₁₁₂₉	1128.64	1.60692					1800	0.999	0.998
n ₁₀₆₄	1064.00	1.60789	1600	0.999	0.998				
n _t	1013.98	1.60868	1400	0.999	0.998				
n _s	852.11	1.61168	1200	0.999	0.998				
n _{A'}	768.19	1.61367	1060	0.999	0.998				
n _r	706.52	1.61548	1000	0.999	0.998				
n _C	656.27	1.61727	950	0.999	0.998				
n _{C'}	643.85	1.61777	900	0.999	0.998				
n _{He-Ne}	632.80	1.61824	850	0.999	0.998				
n _D	589.29	1.62032	800	0.999	0.998				
n _d	587.56	1.62041	750	0.999	0.998				
n _e	546.07	1.62286	700	0.999	0.998				
n _F	486.13	1.62755	650	0.999	0.998				
n _{F'}	479.99	1.62813	600	0.999	0.998				
n _g	435.84	1.63310	550	0.999	0.998				
n _h	404.66	1.63768	500	0.999	0.998				
n _i	365.01	1.64549	480	0.999	0.998				
			460	0.999	0.998				
			440	0.999	0.998				
			420	0.998	0.996				
			400	0.997	0.994				
			390	0.996	0.992				
			380	0.993	0.987				
			370	0.988	0.977				
			360	0.978	0.957				
			350	0.959	0.919				
			340	0.925	0.855				
			330	0.866	0.750				
			320	0.771	0.594				
			310	0.620	0.385				
			300	0.411	0.169				
			290						
			280						
			Coloration Code						
			λ ₈₀ (λ ₇₀)/λ ₅		345/285				
			Coloration of Internal Transmittance						
			λτ ₈₀ /λτ ₅		334/284				
			Constants of dn/dt						
			D ₀		D ₁		D ₂		
			7.48E-07		1.25E-08		-2.50E-11		
			E ₀		E ₁		λ _{TK}		
			4.11E-07		7.77E-10		7.84E-02		

Range of Temperature (°C)	Temperature Coefficients of Refractive Index										
	dn/dt relative (×10 ⁻⁶ / °C)										
	t	s	C	C'	He-Ne	d	e	F	F'	g	
	-60~-40	1.8	2.1	2.2	2.2	2.2	2.4	2.5	2.6	2.6	2.7
	-40~-20	1.9	2.2	2.2	2.2	2.3	2.4	2.6	2.6	2.7	2.7
-20~0	1.9	2.2	2.3	2.3	2.4	2.5	2.7	2.7	2.8	2.8	
0~20	2.0	2.3	2.4	2.4	2.4	2.5	2.7	2.8	2.8	2.9	
20~40	2.0	2.3	2.4	2.4	2.4	2.6	2.7	2.8	2.9	2.9	
40~60	2.1	2.3	2.5	2.5	2.5	2.6	2.8	3.0	3.1	3.1	
60~80	2.2	2.3	2.5	2.5	2.6	2.7	2.9	3.0	3.2	3.3	
80~100	2.2	2.5	2.5	2.5	2.6	2.8	3.0	3.2	3.4	3.6	
100~120	2.4	2.6	2.6	2.6	2.7	2.8	3.0	3.3	3.5	3.6	
120~140	2.5	2.6	2.7	2.7	2.7	2.8	3.2	3.3	3.5	3.7	
140~160	2.5	2.6	2.7	2.7	2.7	2.9	3.3	3.5	3.7	3.9	