

H-ZK50		607567	n _d = 1.60738		v _d = 56.65		n _F − n _C = 0.010721		
			n _e = 1.60994		v _e = 56.38		n _{F'} − n _{C'} = 0.010819		
Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance		
	λ (nm)	n _λ					λ (nm)	τ5mm	τ10mm
n ₂₃₂₅	2325.42	1.57933					2400	0.917	0.841
n ₁₉₇₀	1970.09	1.58405					2200	0.952	0.904
n ₁₅₃₀	1529.58	1.58926					2000	0.983	0.966
n ₁₁₂₉	1128.64	1.59403					1800	0.993	0.986
n ₁₀₆₄	1064.00	1.59491	1600	0.999	0.998				
n _t	1013.98	1.59564	1400	0.999	0.998				
n _s	852.11	1.59850	1200	0.999	0.998				
n _{A'}	768.19	1.60048	1060	0.999	0.998				
n _r	706.52	1.60230	1000	0.999	0.998				
n _C	656.27	1.60414	950	0.999	0.998				
n _{C'}	643.85	1.60465	900	0.999	0.998				
n _{He-Ne}	632.80	1.60513	850	0.999	0.998				
n _D	589.29	1.60729	800	0.999	0.998				
n _d	587.56	1.60738	750	0.999	0.998				
n _e	546.07	1.60994	700	0.999	0.998				
n _F	486.13	1.61486	650	0.999	0.998				
n _{F'}	479.99	1.61547	600	0.999	0.998				
n _g	435.84	1.62073	550	0.999	0.998				
n _h	404.66	1.62562	500	0.999	0.998				
n _i	365.01	1.63393	480	0.999	0.998				
			460	0.999	0.998				
			440	0.999	0.998				
			420	0.997	0.995				
			400	0.995	0.991				
			390	0.992	0.986				
			380	0.990	0.981				
			370	0.983	0.968				
			360	0.971	0.944				
			350	0.948	0.898				
			340	0.903	0.813				
			330	0.824	0.673				
			320	0.698	0.482				
			310	0.515	0.262				
			300	0.312	0.095				
			290	0.145	0.021				
			280						
			Coloration Code						
			λ ₈₀ (λ ₇₀)/λ ₅		350/295				
			Coloration of Internal Transmittance						
			λτ ₈₀ /λτ ₅		335/292				
			Constants of dn/dt						
			D ₀		D ₁		D ₂		
			-1.74E-06		1.22E-08		-1.24E-11		
			E ₀		E ₁		λ _{TK}		
			4.12E-07		3.48E-10		2.52E-01		

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	0.9	1.1	1.2	1.2	1.3	1.3	1.5	1.8	1.8	2.2
	-40~-20	0.9	1.1	1.2	1.2	1.3	1.3	1.6	1.8	1.9	2.3
-20~0	0.9	1.0	1.2	1.2	1.2	1.3	1.6	1.8	1.9	2.3	
0~20	0.8	1.0	1.1	1.2	1.2	1.2	1.6	1.8	1.9	2.3	
20~40	0.8	1.1	1.2	1.3	1.3	1.3	1.7	1.9	1.9	2.3	
40~60	0.9	1.1	1.3	1.3	1.3	1.3	1.7	1.9	1.9	2.4	
60~80	0.9	1.2	1.4	1.4	1.5	1.5	1.9	2.0	2.1	2.5	
80~100	1.0	1.3	1.5	1.5	1.5	1.5	2.0	2.1	2.1	2.7	
100~120	1.1	1.4	1.6	1.6	1.6	1.6	2.1	2.3	2.4	2.8	
120~140	1.3	1.4	1.7	1.7	1.7	1.8	2.3	2.4	2.5	3.0	
140~160	1.3	1.5	1.8	1.8	1.9	1.9	2.3	2.6	2.7	3.1	