

H-ZK6		613586	n _d = 1.61272		v _d = 58.58		n _F − n _C = 0.010460		
			n _e = 1.61521		v _e = 58.30		n _{F'} − n _{C'} = 0.010552		
Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance		
	λ (nm)	n _λ					λ (nm)	τ5mm	τ10mm
n ₂₃₂₅	2325.42	1.58370					2400	0.922	0.844
n ₁₉₇₀	1970.09	1.58884					2200	0.967	0.927
n ₁₅₃₀	1529.58	1.59446					2000	0.993	0.986
n ₁₁₂₉	1128.64	1.59947					1800	0.999	0.998
n ₁₀₆₄	1064.00	1.60038	1600	0.999	0.998				
n _t	1013.98	1.60112	1400	0.999	0.998				
n _s	852.11	1.60399	1200	0.999	0.998				
n _{A'}	768.19	1.60595	1060	0.999	0.998				
n _r	706.52	1.60774	1000	0.999	0.998				
n _C	656.27	1.60954	950	0.999	0.998				
n _{C'}	643.85	1.61005	900	0.999	0.998				
n _{He-Ne}	632.80	1.61052	850	0.999	0.998				
n _D	589.29	1.61263	800	0.999	0.998				
n _d	587.56	1.61272	750	0.999	0.998				
n _e	546.07	1.61521	700	0.999	0.998				
n _F	486.13	1.62000	650	0.999	0.998				
n _{F'}	479.99	1.62060	600	0.999	0.998				
n _g	435.84	1.62571	550	0.999	0.998				
n _h	404.66	1.63044	500	0.999	0.998				
n _i	365.01	1.63849	480	0.999	0.998				
			460	0.999	0.998				
Constants of Dispersion Formula			440	0.999	0.998				
			420	0.999	0.995				
			400	0.997	0.990				
			390	0.995	0.982				
			380	0.989	0.971				
A ₀	2.55955140E+00		370	0.980	0.952				
A ₁	-1.00093149E-02		360	0.958	0.908				
A ₂	1.42930361E-02		350	0.911	0.830				
A ₃	4.66646324E-04		340	0.842	0.709				
A ₄	-2.70113303E-05		330	0.730	0.536				
A ₅	1.35057919E-06		320	0.570	0.326				
			310	0.377	0.145				
			300	0.197	0.041				
			290						
			280						
			Coloration Code						
			λ ₈₀ (λ ₇₀)/λ ₅		360/300				
			Coloration of Internal Transmittance						
			λτ ₈₀ /λτ ₅		345/299				
			Constants of dn/dt						
			D ₀		D ₁	D ₂			
			-6.10E-08		1.58E-08	-1.22E-11			
			E ₀		E ₁	λ _{TK}			
			4.83E-07		8.41E-10	2.69E-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	1.6	1.6	1.7	1.7	1.8	1.9	2.3	2.5	2.6	3.0
-40~-20	1.6	1.7	1.8	1.8	1.9	2.1	2.4	2.7	2.8	3.1
-20~0	1.9	1.8	1.9	1.9	2.0	2.1	2.5	2.8	2.9	3.2
0~20	1.9	1.9	1.9	1.9	2.0	2.2	2.6	2.9	2.9	3.3
20~40	2.0	2.0	2.1	2.1	2.2	2.4	2.7	3.0	3.1	3.6
40~60	1.9	2.0	2.2	2.2	2.3	2.5	2.8	3.3	3.4	3.9
60~80	2.1	2.3	2.5	2.5	2.6	2.8	3.1	3.5	3.6	4.2
80~100	2.3	2.5	2.7	2.7	2.8	3.1	3.4	3.9	4.0	4.6
100~120	2.4	2.7	2.9	3.0	3.1	3.4	3.7	4.2	4.3	4.9
120~140	2.5	2.8	3.1	3.2	3.3	3.6	3.9	4.4	4.5	5.1
140~160	2.6	2.9	3.3	3.4	3.4	3.8	4.0	4.5	4.6	5.3