

H-ZK20		617539	n _d = 1.61720		v _d = 53.91		n _F − n _C = 0.011448		
			n _e = 1.61993		v _e = 53.62		n _{F'} − n _{C'} = 0.011561		
Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance		
	λ (nm)	n _λ					λ (nm)	τ5mm	τ10mm
n ₂₃₂₅	2325.42	1.58879					2400	0.911	0.830
n ₁₉₇₀	1970.09	1.59335					2200	0.957	0.916
n ₁₅₃₀	1529.58	1.59844					2000	0.987	0.974
n ₁₁₂₉	1128.64	1.60320					1800	0.995	0.990
n ₁₀₆₄	1064.00	1.60410	1600	0.999	0.998				
n _t	1013.98	1.60485	1400	0.999	0.998				
n _s	852.11	1.60781	1200	0.999	0.998				
n _{A'}	768.19	1.60989	1060	0.999	0.998				
n _r	706.52	1.61181	1000	0.999	0.998				
n _C	656.27	1.61375	950	0.999	0.998				
n _{C'}	643.85	1.61430	900	0.999	0.998				
n _{He-Ne}	632.80	1.61481	850	0.999	0.998				
n _D	589.29	1.61710	800	0.999	0.998				
n _d	587.56	1.61720	750	0.999	0.998				
n _e	546.07	1.61993	700	0.999	0.998				
n _F	486.13	1.62520	650	0.999	0.998				
n _{F'}	479.99	1.62586	600	0.999	0.998				
n _g	435.84	1.63150	550	0.999	0.998				
n _h	404.66	1.63676	500	0.999	0.998				
n _i	365.01	1.64578	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	0.994	0.989				
			370	0.988	0.976				
			360	0.977	0.952				
			350	0.954	0.905				
			340	0.907	0.821				
			330	0.830	0.689				
			320	0.711	0.508				
			310	0.551	0.307				
			300	0.371	0.141				
			290	0.209	0.046				
			280	0.093	0.011				
			Coloration Code						
			λ ₈₀ (λ ₇₀)/λ ₅		350/295				
			Coloration of Internal Transmittance						
			λτ ₈₀ /λτ ₅		337/290				
			Constants of dn/dt						
			D ₀		D ₁		D ₂		
			4.73E-07		1.71E-08		-2.20E-11		
			E ₀		E ₁		λ _{TK}		
			8.83E-07		2.84E-10		2.17E-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	1.9	2.2	2.4	2.5	2.6	2.9	3.3	3.7	3.8	4.5
	-40~-20	2.1	2.3	2.4	2.5	2.6	3.0	3.5	3.8	3.9	4.6
-20~0	2.1	2.3	2.5	2.6	2.7	3.0	3.6	3.9	4.0	4.7	
0~20	2.3	2.4	2.5	2.6	2.7	3.1	3.6	4.0	4.1	4.9	
20~40	2.4	2.6	2.7	2.8	2.8	3.2	3.8	4.2	4.3	4.9	
40~60	2.5	2.7	2.9	2.9	3.0	3.4	4.0	4.5	4.6	5.1	
60~80	2.6	2.9	3.1	3.1	3.2	3.7	4.2	4.6	4.8	5.3	
80~100	2.7	3.1	3.3	3.3	3.4	4.0	4.5	4.8	4.9	5.5	
100~120	2.9	3.2	3.4	3.5	3.5	4.2	4.7	5.0	5.1	5.6	
120~140	3.0	3.3	3.5	3.6	3.6	4.3	4.8	5.1	5.2	5.7	
140~160	3.0	3.4	3.6	3.6	3.7	4.4	5.0	5.3	5.3	5.8	