

D-ZK3L		589613	n _d = 1.58913		v _d = 61.25		n _F − n _C = 0.009619			
			n _e = 1.59142		v _e = 61.03		n _{F'} − n _{C'} = 0.009690			
Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance			
	λ (nm)	n _λ					λ (nm)	τ5mm	τ10mm	
n ₂₃₂₅	2325.42	1.55682					2400	0.805	0.648	
n ₁₉₇₀	1970.09	1.56338					2200	0.913	0.834	
n ₁₅₃₀	1529.58	1.57035					2000	0.988	0.976	
n ₁₁₂₉	1128.64	1.57613					1800	0.999	0.998	
n ₁₀₆₄	1064.00	1.57711	1600	0.999	0.998					
n _t	1013.98	1.57790	1400	0.999	0.998					
n _s	852.11	1.58083	1200	0.999	0.998					
n _{A'}	768.19	1.58275	1060	0.999	0.998					
n _r	706.52	1.58448	1000	0.999	0.998					
n _C	656.27	1.58618	950	0.999	0.998					
n _{C'}	643.85	1.58665	900	0.999	0.998					
n _{He-Ne}	632.80	1.58709	850	0.999	0.998					
n _D	589.29	1.58904	800	0.999	0.998					
n _d	587.56	1.58913	750	0.999	0.998					
n _e	546.07	1.59142	700	0.999	0.998					
n _F	486.13	1.59580	650	0.999	0.998					
n _{F'}	479.99	1.59634	600	0.999	0.998					
n _g	435.84	1.60095	550	0.999	0.998					
n _h	404.66	1.60520	500	0.999	0.998					
n _i	365.01	1.61247	480	0.999	0.998					
			460	0.999	0.998					
			440	0.999	0.998					
			420	0.999	0.998					
			400	0.999	0.998					
			390	0.995	0.989					
			380	0.993	0.984					
			370	0.989	0.977					
			360	0.980	0.962					
			350	0.965	0.933					
			340	0.937	0.880					
			330	0.892	0.794					
			320	0.815	0.664					
			310	0.705	0.498					
			300	0.566	0.322					
			290	0.417	0.176					
			280	0.281	0.082					
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	3.7	3.8	4.0	4.0	4.1	4.1	4.3	4.8	4.8	5.0
-40~-20	3.7	3.8	4.0	4.0	4.1	4.2	4.4	4.8	4.8	5.0
-20~0	3.7	3.8	4.0	4.1	4.1	4.2	4.4	4.8	4.8	5.0
0~20	3.7	3.8	4.0	4.1	4.2	4.2	4.4	4.8	4.8	5.0
20~40	3.7	3.8	4.1	4.1	4.2	4.2	4.4	4.8	4.9	5.0
40~60	3.7	3.8	4.2	4.2	4.3	4.3	4.4	4.8	4.9	5.0
60~80	3.7	3.8	4.2	4.3	4.3	4.3	4.4	4.8	5.0	5.0
80~100	3.8	3.8	4.2	4.3	4.3	4.3	4.4	4.8	5.0	5.1
100~120	3.8	3.8	4.2	4.3	4.3	4.4	4.5	4.8	5.0	5.1
120~140	3.8	3.9	4.3	4.3	4.3	4.4	4.5	4.8	5.0	5.1
140~160	3.8	3.9	4.3	4.3	4.4	4.4	4.5	4.8	5.0	5.1
Coloration Code										
λ ₈₀ (λ ₇₀)/λ ₅						340/275				
Coloration of Internal Transmittance										
λτ ₈₀ /λτ ₅						331/275				
Constants of dn/dt										
D ₀		D ₁		D ₂						
4.03E-06		1.27E-08		-2.83E-11						
E ₀		E ₁		λ _{TK}						
6.09E-07		-8.90E-12		3.02E-08						