

H-ZF8			622307	n _d = 1.62201		v _d = 30.66		n _F − n _C = 0.020287			
				n _e = 1.62678		v _e = 30.36		n _{F'} − n _{C'} = 0.020646			
Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance				
	λ (nm)	n _λ								λ (nm)	τ5mm
n ₂₃₂₅	2325.42						2400	0.923	0.853		
n ₁₉₇₀	1970.09						2200	0.944	0.891		
n ₁₅₃₀	1529.58						2000	0.966	0.933		
n ₁₁₂₉	1128.64	1.60013					1800	0.985	0.970		
n ₁₀₆₄	1064.00	1.60137	1600	0.998	0.995						
n _t	1013.98	1.60243	1400	0.999	0.998						
n _s	852.11	1.60678	1200	0.999	0.998						
n _{A'}	768.19	1.60997	1060	0.999	0.998						
n _r	706.52	1.61303	1000	0.999	0.998						
n _C	656.27	1.61620	950	0.999	0.998						
n _{C'}	643.85	1.61710	900	0.999	0.998						
n _{He-Ne}	632.80	1.61795	850	0.999	0.998						
n _D	589.29	1.62183	800	0.999	0.998						
n _d	587.56	1.62201	750	0.999	0.998						
n _e	546.07	1.62678	700	0.999	0.998						
n _F	486.13	1.63648	650	0.999	0.998						
n _{F'}	479.99	1.63775	600	0.998	0.997						
n _g	435.84	1.64911	550	0.997	0.994						
n _h	404.66	1.66072	500	0.994	0.988						
n _i	365.01		480	0.992	0.984						
			460	0.988	0.977						
			440	0.984	0.969						
			420	0.973	0.948						
			400	0.932	0.869						
			390	0.861	0.741						
			380	0.651	0.424						
			370	0.235	0.055						
			360								
			350								
			340								
			330								
			320								
			310								
			300								
			290								
			280								
Constants of Dispersion Formula			Thermal Properties		Expansion Coefficient α (×10 ⁻⁷ /K)		Coloration Code				
										λ ₈₀ (λ ₇₀)/λ ₅	
A ₀	2.55421627E+00	Mechanical Properties					Coloration of Internal Transmittance				
A ₁	-1.01378222E-02									λτ ₈₀ /λτ ₅	
A ₂	2.29003271E-02						Constants of dn/dt				
A ₃	1.95813392E-03									D ₀	
A ₄	-1.71553545E-04			-1.94E-05		1.35E-08	-3.34E-11				
A ₅	2.27385738E-05			E ₀		E ₁	λ _{TK}				
				1.01E-06	1.52E-09	2.96E-01					