

H-KF6	517522	$n_d = 1.51742$	$v_d = 52.15$	$n_F - n_C = 0.009922$
		$n_e = 1.51977$	$v_e = 51.85$	$n_F - n_C' = 0.010024$

Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance		
	λ (nm)	n_λ	P _{d,C}	0.3003	RC (S)	1	λ (nm)	$\tau_{5\text{mm}}$	$\tau_{10\text{mm}}$
n_{2325}	2325.42	1.49023	P _{e,d}	0.2368	RA (S)	1	2400	0.929	0.861
n_{1970}	1970.09	1.49507	P _{g,F}	0.5624	D _W	1	2200	0.956	0.910
n_{1530}	1529.58	1.50035	P' _{d,c}	0.2504	D _A	2	2000	0.994	0.987
n_{1129}	1128.64	1.50503	P' _{e,d}	0.2344	R _{OH} (S)	2	1800	0.997	0.994
n_{1064}	1064.00	1.50588	P' _{g,F}	0.4998	RP (S)	1	1600	0.999	0.998
n_t	1013.98	1.50657			CR	1	1400	0.999	0.998
n_s	852.11	1.50925	Deviation of Relative Partial Dispersions		Expansion Coefficient $\alpha (\times 10^{-7}/\text{K})$		1200	0.999	0.998
$n_{A'}$	768.19	1.51108					1060	0.999	0.998
n_r	706.52	1.51276					1000	0.999	0.998
n_C	656.27	1.51444					950	0.999	0.998
$n_{C'}$	643.85	1.51491					900	0.999	0.998
$n_{\text{He-Ne}}$	632.80	1.51535	Thermal Properties		$^{\circ}\text{C}$		850	0.999	0.998
n_D	589.29	1.51733					800	0.999	0.998
n_d	587.56	1.51742	ΔP_{Fe}	0.0012	-50/-40	82	750	0.999	0.998
n_e	546.07	1.51977	$\Delta P_{\text{g,F}}$	0.0054	-40/-30	86	700	0.999	0.998
n_F	486.13	1.52436	$\Delta P_{\text{C,t}}$	0.0004	-30/-20	88	650	0.999	0.998
$n_{F'}$	479.99	1.52493	$\Delta P_{\text{C,s}}$	-0.0025	-20/-10	89	600	0.999	0.998
n_g	435.84	1.52994	Mechanical Properties		-10/0	90	550	0.999	0.998
n_h	404.66	1.53468			0/10	91	500	0.999	0.998
n_i	365.01	1.54305	T _g ($^{\circ}\text{C}$)	461	10/20	92	480	0.999	0.998
			T _s ($^{\circ}\text{C}$)	536	20/30	92	460	0.999	0.998
			T ₁₀ ^{14.5} ($^{\circ}\text{C}$)	407	30/40	93	440	0.998	0.996
			T ₁₀ ¹³ ($^{\circ}\text{C}$)	430	40/50	93	420	0.997	0.993
			$\alpha_{-50/80^{\circ}\text{C}}$ ($10^{-7}/\text{K}$)	91	50/60	94	400	0.995	0.991
			$\alpha_{100/300^{\circ}\text{C}}$ ($10^{-7}/\text{K}$)	102	60/70	94	390	0.993	0.989
			λ (W/(m K))	1.04	70/80	95	380	0.987	0.979
					80/90	96	370	0.976	0.957
					90/100	96	360	0.936	0.879
					100/110	97	350	0.783	0.618
					110/120	98	340	0.390	0.154
					120/130	99	330		
					130/140	100	320		
					140/150	101	310		
					150/160	102	300		
							290		
							280		

Constants of Dispersion Formula	
A ₀	2.26634630E+00
A ₁	-8.85481035E-03
A ₂	1.25163602E-02
A ₃	3.69483817E-04
A ₄	-8.19964870E-06
A ₅	1.43231024E-06

Density		Solarization	
ρ (g/cm ³)	2.52	$\Delta\lambda$ (%)	-4.1

Range of Temperature ($^{\circ}\text{C}$)	Temperature Coefficients of Refractive Index									
	dn/dt relative ($\times 10^{-6} / ^{\circ}\text{C}$)									
	t	s	C	C'	He-Ne	d	e	F	F'	g
-60 ~ -40	-1.2	-1.0	-0.9	-0.8	-0.8	-0.8	-0.6	-0.3	-0.2	0.2
-40 ~ -20	-1.1	-1.0	-0.9	-0.8	-0.7	-0.6	-0.5	-0.2	-0.1	0.3
-20 ~ 0	-1.1	-1.0	-0.9	-0.8	-0.7	-0.6	-0.4	-0.1	-0.1	0.3
0 ~ 20	-1.0	-0.9	-0.8	-0.7	-0.7	-0.5	-0.2	0.0	0.0	0.4
20 ~ 40	-0.9	-0.8	-0.7	-0.5	-0.5	-0.4	-0.2	0.1	0.1	0.6
40 ~ 60	-0.8	-0.7	-0.5	-0.4	-0.4	-0.2	0.0	0.2	0.3	0.7
60 ~ 80	-0.6	-0.5	-0.4	-0.2	-0.2	-0.2	0.1	0.3	0.4	0.9
80 ~ 100	-0.5	-0.4	-0.3	-0.2	-0.2	-0.1	0.3	0.5	0.6	1.1
100 ~ 120	-0.4	-0.3	-0.2	-0.1	-0.1	-0.1	0.5	0.7	0.7	1.2
120 ~ 140	-0.2	-0.1	-0.1	0.0	0.0	0.0	0.5	0.8	0.8	1.3
140 ~ 160	-0.1	0.0	0.1	0.2	0.2	0.2	0.7	0.9	0.9	1.4

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	360/340
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	356/336

Constants of dn/dt		
D ₀	D ₁	D ₂
-5.94E-06	1.78E-08	-2.50E-11
E ₀	E ₁	λ_{TK}
4.20E-07	1.79E-10	2.83E-01