

H-FK61	497816	$n_d = 1.49700$	$v_d = 81.61$	$n_F - n_C = 0.006090$
		$n_e = 1.49845$	$v_e = 81.20$	$n_F - n_C' = 0.006139$

Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance		
	λ (nm)	n_λ	P _{d,C}	0.3054	RC (S)	1	λ (nm)	$\tau_{5\text{mm}}$	$\tau_{10\text{mm}}$
n_{2325}	2325.42	1.47950	P _{e,d}	0.2381	RA (S)	2	2400	0.999	0.998
n_{1970}	1970.09	1.48263	P _{g,F}	0.5386	D _W	1	2200	0.999	0.998
n_{1530}	1529.58	1.48606	P' _{d,c}	0.2557	D _A	3	2000	0.999	0.998
n_{1129}	1128.64	1.48910	P' _{e,d}	0.2362	R _{OH} (S)	2	1800	0.999	0.998
n_{1064}	1064.00	1.48965	P' _{g,F}	0.4789	RP (S)	2	1600	0.999	0.998
n_t	1013.98	1.49010			CR	1	1400	0.999	0.998
n_s	852.11	1.49183	Deviation of Relative Partial Dispersions		Expansion Coefficient $\alpha (\times 10^{-7}/\text{K})$		1200	0.999	0.998
$n_{A'}$	768.19	1.49301					1060	0.999	0.998
n_r	706.52	1.49407					1000	0.999	0.998
n_C	656.27	1.49514					950	0.999	0.998
$n_{C'}$	643.85	1.49543					900	0.999	0.998
$n_{\text{He-Ne}}$	632.80	1.49571	Thermal Properties		$^{\circ}\text{C}$		850	0.999	0.998
n_D	589.29	1.49694					800	0.999	0.998
n_d	587.56	1.49700	ΔP_{Fe}	0.0113	-50/-40	115	750	0.999	0.998
n_e	546.07	1.49845	$\Delta P_{\text{g,F}}$	0.0305	-40/-30	118	700	0.999	0.998
n_F	486.13	1.50123	$\Delta P_{\text{C,t}}$	-0.1080	-30/-20	121	650	0.999	0.998
$n_{F'}$	479.99	1.50157	$\Delta P_{\text{C,s}}$	-0.0528	-20/-10	123	600	0.999	0.998
n_g	435.84	1.50451	Mechanical Properties		-10/0	125	550	0.999	0.998
n_h	404.66	1.50721			0/10	127	500	0.999	0.998
n_i	365.01	1.51173	T _g ($^{\circ}\text{C}$)	464	10/20	128	480	0.999	0.998
			T _s ($^{\circ}\text{C}$)	489	20/30	130	460	0.999	0.998
			T ₁₀ ^{14.5} ($^{\circ}\text{C}$)	421	30/40	133	440	0.999	0.998
			T ₁₀ ¹³ ($^{\circ}\text{C}$)	442	40/50	136	420	0.999	0.998
			$\alpha_{-50/80^{\circ}\text{C}}$ ($10^{-7}/\text{K}$)	124	50/60	138	400	0.999	0.998
			$\alpha_{100/300^{\circ}\text{C}}$ ($10^{-7}/\text{K}$)	152	60/70	140	390	0.999	0.998
			λ (W/(m K))	0.74	70/80	142	380	0.999	0.998
					80/90	144	370	0.999	0.998
					90/100	145	360	0.999	0.998
					100/110	146	350	0.999	0.998
					110/120	147	340	0.999	0.998
					120/130	148	330	0.999	0.998
					130/140	149	320	0.999	0.998
					140/150	150	310	0.999	0.998
					150/160	151	300	0.999	0.998
							290	0.999	0.998
							280	0.999	0.998

Constants of Dispersion Formula	
A ₀	2.21807952E+00
A ₁	-5.67922113E-03
A ₂	8.28756139E-03
A ₃	9.66891434E-05
A ₄	3.56668643E-06
A ₅	-3.63065113E-07

Density		Solarization	
ρ (g/cm ³)	3.67	$\Delta\lambda$ (%)	-2.4

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	-5.4	-5.3	-5.3	-5.2	-5.1	-5.0	-4.9	-4.6	-4.6	-4.5
-40 ~ -20	-5.6	-5.4	-5.3	-5.3	-5.3	-5.3	-5.2	-5.1	-5.0	-4.8
-20 ~ 0	-5.8	-5.8	-5.7	-5.7	-5.7	-5.6	-5.5	-5.2	-5.2	-5.1
0 ~ 20	-6.1	-6.0	-5.9	-5.9	-5.9	-5.9	-5.8	-5.7	-5.6	-5.5
20 ~ 40	-6.4	-6.3	-6.2	-6.2	-6.2	-6.0	-6.0	-5.9	-5.8	-5.7
40 ~ 60	-6.6	-6.5	-6.4	-6.4	-6.5	-6.4	-6.3	-6.0	-6.0	-5.9
60 ~ 80	-6.8	-6.8	-6.7	-6.6	-6.6	-6.6	-6.5	-6.3	-6.2	-6.0
80 ~ 100	-7.0	-6.9	-6.9	-6.9	-6.9	-6.9	-6.8	-6.5	-6.4	-6.1
100 ~ 120	-7.2	-7.2	-7.1	-7.1	-7.1	-7.1	-6.9	-6.8	-6.7	-6.4
120 ~ 140	-7.5	-7.5	-7.4	-7.4	-7.4	-7.3	-7.1	-7.1	-7.0	-6.8
140 ~ 160	-7.9	-7.8	-7.7	-7.6	-7.6	-7.5	-7.4	-7.3	-7.2	-7.1

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	340/285
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	332/284

Constants of dn/dt		
D ₀	D ₁	D ₂
-1.90E-05	-2.71E-09	-2.90E-11
E ₀	E ₁	λ_{TK}
3.52E-07	9.31E-11	2.28E-01