

H-ZK2	583595	$n_d = 1.58313$	$u_d = 59.46$	$n_F - n_C = 0.009807$
		$n_e = 1.58547$	$u_e = 59.19$	$n_{F'} - n_{C'} = 0.009892$

Refractive Indices			Chemical Properties (grade)		Internal Transmittance		
	$\lambda(\text{nm})$				$\lambda(\text{nm})$	$\tau_{5\text{mm}}$	$\tau_{10\text{mm}}$
n_r	706.52	1.57845	RC(S)	1	2400	0.912	0.829
n_C	656.27	1.58015	RA(S)	2	2200	0.963	0.925
$n_{C'}$	643.85	1.58062	D_W	1	2000	0.988	0.975
$n_{\text{He-Ne}}$	632.80	1.58107	D_A	3	1800	0.994	0.988
n_D	589.29	1.58304	$R_{\text{OH}}(\text{S})$		1600	0.999	0.998
n_d	587.56	1.58313	RP(S)		1400	0.999	0.998
n_e	546.07	1.58547	Thermal Properties		1200	0.999	0.998
n_F	486.13	1.58996	$T_g(^{\circ}\text{C})$	601	1060	0.999	0.998
$n_{F'}$	479.99	1.59052	$T_s(^{\circ}\text{C})$	660	1000	0.999	0.998
n_g	435.84	1.59528	$T_{10}^{14.5}(^{\circ}\text{C})$	551	950	0.999	0.998
n_h	404.66	1.59970	$T_{10}^{13}(^{\circ}\text{C})$	596	900	0.999	0.998
n_i	365.01	1.60722	$\alpha_{20/120^{\circ}\text{C}}(10^{-7}/\text{K})$	69	850	0.999	0.998
			$\alpha_{100/300^{\circ}\text{C}}(10^{-7}/\text{K})$	78	800	0.999	0.998

Constants of Dispersion Formula		Mechanical Properties	
A_0	2.46852240E+00	HK(10^7Pa)	527
A_1	-1.01871680E-02	F_A	130
A_2	1.33916750E-02	$E(10^7\text{Pa})$	8420
A_3	3.29060710E-04	$G(10^7\text{Pa})$	3315
A_4	-1.21986540E-05	μ	0.270
A_5	6.59142400E-07	$B(10^{-12}/\text{Pa})$	

Relative Partial Dispersion				Anomalous dispersions	
$P_{d,C}$	0.3038	$P'_{d,C'}$	0.2537	$\Delta P_{F,e}$	0.0006
$P_{e,d}$	0.2387	$P'_{e,d}$	0.2367	$\Delta P_{g,F}$	-0.0019
$P_{g,F}$	0.5426	$P'_{g,F'}$	0.4813		

Range of Temperature ($^{\circ}\text{C}$)	Temperature Coefficients of Refractive Index									
	dn/dt relative ($10^{-6} / ^{\circ}\text{C}$)									
	t	C'	He-Ne	D	e	F'	g			
-40 ~ -20								340	0.885	0.789
-20 ~ 0								330	0.804	0.653
0 ~ 20								320	0.681	0.471
20 ~ 40								310	0.507	0.264
40 ~ 60								300	0.307	0.098
60 ~ 80								290		
								280		

Density		Coloration Code			Remarks		
$\rho(\text{g}/\text{cm}^3)$	3.12	λ_{80}/λ_5	350/290	λ_{70}/λ_5			