

<b>F1</b>	<b>603380</b>	$n_d = 1.60342$	$u_d = 38.01$	$n_F - n_C = 0.015873$
		$n_e = 1.60718$	$u_e = 37.75$	$n_{F'} - n_{C'} = 0.016084$

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	1.59615	RC(S)	3	2400	0.920	0.846
$n_C$	656.27	1.59874	RA(S)	1	2200	0.945	0.893
$n_{C'}$	643.85	1.59947	$D_W$	2	2000	0.977	0.955
$n_{\text{He-Ne}}$	632.80	1.60016	$D_A$	1	1800	0.984	0.968
$n_D$	589.29	1.60328	$R_{\text{OH}}(\text{S})$		1600	0.998	0.996
$n_d$	587.56	1.60342	RP(S)		1400	0.998	0.996
$n_e$	546.07	1.60718	Thermal Properties		1200	0.998	0.996
$n_F$	486.13	1.61461	$T_g(^{\circ}\text{C})$	447	1060	0.998	0.996
$n_{F'}$	479.99	1.61556	$T_s(^{\circ}\text{C})$	509	1000	0.998	0.996
$n_g$	435.84	1.62380	$T_{10}^{14.5}(^{\circ}\text{C})$	407	950	0.998	0.996
$n_h$	404.66	1.63174	$T_{10}^{13}(^{\circ}\text{C})$	439	900	0.998	0.996
$n_i$	365.01	1.64602	$\alpha_{20/120^{\circ}\text{C}}(10^{-7}/\text{K})$	80	850	0.998	0.996
			$\alpha_{100/300^{\circ}\text{C}}(10^{-7}/\text{K})$	92	800	0.998	0.996

Constants of Dispersion Formula		Mechanical Properties	
$A_0$	2.49848888E+00	HK( $10^7\text{Pa}$ )	460
$A_1$	-2.64994435E-03	$F_A$	143
$A_2$	2.56132170E-02	$E(10^7\text{Pa})$	5850
$A_3$	-4.29748982E-04	$G(10^7\text{Pa})$	2386
$A_4$	1.22658125E-04	$\mu$	0.226
$A_5$	-2.73461347E-06	$B(10^{-12}/\text{Pa})$	

Relative Partial Dispersion				Anomalous dispersions	
$P_{d,C}$	0.2949	$P'_{d,C'}$	0.2455	$\Delta P_{F,e}$	-0.0010
$P_{e,d}$	0.2369	$P'_{e,d}$	0.2337	$\Delta P_{g,F}$	-0.0014
$P_{g,F}$	0.5791	$P'_{g,F'}$	0.5121		

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								370	0.938	0.880
-20 ~ 0								360	0.885	0.783
0 ~ 20								350	0.792	0.627
20 ~ 40								340	0.641	0.411
40 ~ 60								330	0.413	0.171
60 ~ 80								320	0.144	0.021

Density		Coloration Code			Remarks		
$\rho(\text{g}/\text{cm}^3)$	3.44	$\lambda_{80}/\lambda_5$	350/320	$\lambda_{70}/\lambda_5$			