

<b>QF2</b>	<b>561468</b>	$n_d = 1.56091$	$u_d = 46.80$	$n_F - n_C = 0.011990$
		$n_e = 1.56376$	$u_e = 46.51$	$n_{F'} - n_{C'} = 0.012120$

Refractive Indices			Chemical Properties (grade)		Internal Transmittance		
	$\lambda(\text{nm})$		RC(S)		$\lambda(\text{nm})$	$\tau_{5\text{mm}}$	$\tau_{10\text{mm}}$
$n_r$	706.52	1.55532	RA(S)		2400		
$n_C$	656.27	1.55732	$D_W$	1	2200		
$n_{C'}$	643.85	1.55789	$D_A$	1	2000		
$n_{\text{He-Ne}}$	632.80	1.55842	$R_{\text{OH}}(\text{S})$		1800		
$n_D$	589.29	1.56080	RP(S)		1600		
$n_d$	587.56	1.56091	<b>Thermal Properties</b>		1400		
$n_e$	546.07	1.56376			$T_g(^{\circ}\text{C})$	549	1200
$n_F$	486.13	1.56931	$T_s(^{\circ}\text{C})$	635	1060		
$n_{F'}$	479.99	1.57001	$T_{10}^{14.5}(^{\circ}\text{C})$	500	1000		
$n_g$	435.84	1.57609	$T_{10}^{13}(^{\circ}\text{C})$	532	950		
$n_h$	404.66	1.58188	$\alpha_{20/120^{\circ}\text{C}}(10^{-7}/\text{K})$	76	900		
$n_i$	365.01	1.59209	$\alpha_{100/300^{\circ}\text{C}}(10^{-7}/\text{K})$	82	850	0.998	0.998

Constants of Dispersion Formula		Mechanical Properties	
$A_0$	2.37841674E+00	$\text{HK}(10^7\text{Pa})$	467
$A_1$	-8.65271341E-04	$F_A$	
$A_2$	2.21613373E-02	$E(10^7\text{Pa})$	6524
$A_3$	-1.18832764E-03	$G(10^7\text{Pa})$	2663
$A_4$	1.89493059E-04	$\mu$	0.225
$A_5$	-7.26660971E-06	$B(10^{-12}/\text{Pa})$	

Relative Partial Dispersion				Anomalous dispersions	
$P_{d,C}$	0.2994	$P'_{d,C'}$	0.2491	$\Delta P_{F,e}$	-0.0014
$P_{e,d}$	0.2379	$P'_{e,d}$	0.2351	$\Delta P_{g,F}$	-0.0005
$P_{g,F}$	0.5653	$P'_{g,F'}$	0.5015		

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	0.987	0.973
-20 ~ 0								360	0.973	0.947
0 ~ 20								350	0.936	0.875
20 ~ 40								340	0.834	0.696
40 ~ 60								330	0.573	0.329
60 ~ 80								320	0.182	0.033

Density		Coloration Code			Remarks		
$\rho(\text{g}/\text{cm}^3)$	3.02	$\lambda_{80}/\lambda_5$	350/320	$\lambda_{70}/\lambda_5$			