

ZF52	847238	$n_d = 1.84666$	$\nu_d = 23.83$	$n_F - n_c = 0.035534$
		$n_e = 1.85504$	$\nu_e = 23.64$	$n_{F'} - n_{c'} = 0.036165$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.2857	$P'_{d,c'}$	0.2372	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.81330	$P_{e,d}$	0.2358	$P'_{e,d}$	0.2317	2400	0.961	0.924
n_r	706.5	1.83102	$P_{g,F}$	0.6191	$P'_{g,F'}$	0.5475	2200	0.977	0.954
n_c	656.3	1.83651					2000	0.988	0.977
$n_{c'}$	643.8	1.83808	Chemical Properties				1800	0.995	0.990
n_{He-Ne}	632.8	1.83957	Grade				1600	0.999	0.998
n_D	589.3	1.84636	RC(S)	1			1400	0.999	0.998
n_d	587.6	1.84666	RA(S)	3			1200	0.999	0.998
n_e	546.1	1.85504	D_W	1			1060	0.999	0.998
n_F	486.1	1.87205	D_A	6			1000	0.999	0.998
$n_{F'}$	480.0	1.87425	Thermal Properties				950	0.999	0.998
n_g	435.8	1.89405	T_g (°C)	409			900	0.999	0.998
n_h	404.7	1.91394	T_s (°C)	447			850	0.999	0.998
n_i	365.0	1.95210	$T_{10}^{14.5}$ (°C)	377			800	0.998	0.996
			T_{10}^{13} (°C)	408			700	0.998	0.997
Constants of Dispersion Formula			$T_{10}^{7.6}$ (°C)	525			650	0.998	0.997
A_0	3.2426450		$\alpha_{20/120^\circ C}(10^{-7}/K)$	90			600	0.998	0.997
A_1	$-7.7954583 \times 10^{-3}$		$\alpha_{100/300^\circ C}(10^{-7}/K)$	99			550	0.998	0.997
A_2	5.3380862×10^{-2}		λ (W/m · K)				500	0.996	0.993
A_3	1.5115415×10^{-3}		Mechanical Properties				480	0.995	0.990
A_4	7.2219474×10^{-5}		H_K ($10^7 Pa$)	323			460	0.991	0.983
A_5	1.6602659×10^{-5}		F_A				440	0.984	0.969
Deviation of Relative Partial Dispersions ΔP from the“Normal Line”			E ($10^7 Pa$)	5282			420	0.964	0.930
$\Delta P_{F,e}$	0.0020		G ($10^7 Pa$)	2107			400	0.903	0.82
$\Delta P_{g,F}$	0.0140		μ	0.253			390	0.83	0.69
			B ($10^{-12}/Pa$)				380	0.69	0.46
			Other Properties				370	0.40	0.16
			ρ (g/cm^3)	5.49			360	0.10	0.01
			Temperature Coefficients of Refractive Index				350		
Rang of Temperature		dn/dt relative($10^{-6}/^\circ C$)					340		
	t	C'	d	e	F'	g	330		
-40~-20	5.4	7.0	8.8	9.2	11.4	13.9	320		
-20~0	5.8	7.5	8.8	10.1	12.2	16.0	310		
0~20	5.8	9.0	10.0	10.8	13.5	17.8	300		
20~40	6.7	9.4	10.2	11.3	15.0	18.0	290		
40~60	7.0	9.4	10.3	11.6	15.2	17.7	280		
60~80	7.7	9.5	10.6	12.1	15.3	18.9			
			Coloration Code				λ_{70}/λ_5	40/37	