

<b>F5</b>	<b>624359</b>	$n_d = 1.62435$	$v_d = 35.92$	$n_F - n_C = 0.017380$
		$n_e = 1.62847$	$v_e = 35.65$	$n_{F'} - n_{C'} = 0.017631$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance			
	$\lambda$ (nm)		$P_{d,c}$	0.2934	$P'_{d,c'}$	0.2439	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm	
$n_t$	1014.0	1.60682	$P_{e,d}$	0.2371	$P'_{e,d}$	0.2337	2400	0.914	0.836	
$n_r$	706.5	1.61645	$P_{g,F}$	0.5812	$P'_{g,F'}$	0.5133	2200	0.934	0.873	
$n_c$	656.3	1.61925					2000	0.968	0.937	
$n_{c'}$	643.8	1.62005	<b>Chemical Properties</b>				1800	0.985	0.970	
$n_{He-Ne}$	632.8	1.62080	Grade				1600	0.998	0.997	
$n_D$	589.3	1.62420	RC(S)				1400	0.999	0.998	
$n_d$	587.6	1.62435	RA(S)	2			1200	0.999	0.998	
$n_e$	546.1	1.62847	D <sub>W</sub>	1			1060	0.999	0.998	
$n_F$	486.1	1.63663	D <sub>A</sub>	1			1000	0.999	0.998	
$n_{F'}$	480.0	1.63768					950	0.999	0.998	
$n_g$	435.8	1.64673	<b>Thermal Properties</b>				900	0.999	0.998	
$n_h$	404.7	1.65550	$T_g$ (°C)	430			850	0.999	0.998	
$n_i$	365.0	1.67131	$T_s$ (°C)	473			800	0.999	0.998	
			$T_{10}^{14.5}$ (°C)	374			700	0.999	0.998	
			$T_{10}^{13}$ (°C)	413			650	0.999	0.998	
			$T_{10}^{7.6}$ (°C)				600	0.999	0.998	
<b>Constants of Dispersion Formula</b>			$\alpha_{20/120^\circ C}(10^{-7}/K)$	87			550	0.999	0.998	
$A_0$	2.5683752		$\alpha_{100/300^\circ C}(10^{-7}/K)$	100			500	0.999	0.998	
$A_1$	$-9.1404623 \times 10^{-3}$		$\lambda$ (W/m · K)				480	0.998	0.997	
$A_2$	$2.2597964 \times 10^{-2}$		<b>Mechanical Properties</b>				460	0.998	0.996	
$A_3$	$9.9985349 \times 10^{-4}$		H <sub>K</sub> (10 <sup>7</sup> Pa)	380			440	0.997	0.994	
$A_4$	$-3.6633071 \times 10^{-5}$		F <sub>A</sub>	81			420	0.995	0.991	
$A_5$	$4.9332480 \times 10^{-6}$		E (10 <sup>7</sup> Pa)	5785			400	0.994	0.988	
<b>Deviation of Relative Partial Dispersions <math>\Delta P</math> from the "Normal Line"</b>			G (10 <sup>7</sup> Pa)	2360			390	0.990	0.980	
$\Delta P_{Fe}$	-0.0005		$\mu$	0.226			380	0.984	0.968	
$\Delta P_{g,F}$	-0.0034		B (10 <sup>-12</sup> /Pa)				370	0.977	0.955	
			<b>Other Properties</b>				360	0.960	0.921	
			$\rho$ (g/cm <sup>3</sup> )	3.64			350	0.921	0.849	
<b>Temperature Coefficients of Refractive Index</b>										
<b>Rang of Temperature</b>		<b>dn/dt relative(10<sup>-6</sup>/°C)</b>						340	0.82	0.68
		t	C'	d	e	F'	g	330	0.57	0.32
-40~-20		3.1	3.6	3.9	4.3	4.8	5.8	320	0.16	0.03
-20~0		3.1	3.9	4.2	4.8	5.3	6.4	310		
0~20		3.2	4.2	4.5	4.8	5.9	6.7	300		
20~40		3.1	4.2	4.5	4.8	6.1	6.9	290		
40~60		2.9	4.2	4.5	4.9	6.2	7.3	280		
60~80		3.5	4.9	5.1	5.3	6.4	7.3			
<b>Coloration Code</b>										
								$\lambda_{80}/\lambda_5$	36/32	