

<b>ZF5</b>	<b>740282</b>	$n_d = 1.74000$	$v_d = 28.24$	$n_F - n_c = 0.026200$
		$n_e = 1.74619$	$v_e = 28.03$	$n_{F'} - n_c = 0.026623$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.2889	$P'_{d,c'}$	0.2401	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0		$P_{e,d}$	0.2363	$P'_{e,d}$	0.2325	2400	0.950	0.903
$n_r$	706.5	1.72831	$P_{g,F}$	0.6015	$P'_{g,F'}$	0.5319	2200	0.965	0.931
$n_c$	656.3	1.73243					2000	0.980	0.960
$n_{c'}$	643.8	1.73361	<b>Chemical Properties</b>				1800	0.986	0.972
$n_{He-Ne}$	632.8	1.73472				Grade	1600	0.992	0.984
$n_D$	589.3	1.73977	RC(S)			1	1400	0.999	0.998
$n_d$	587.6	1.74000	RA(S)			2	1200	0.999	0.998
$n_e$	546.1	1.74619	D <sub>W</sub>			1	1060	0.999	0.998
$n_F$	486.1	1.75863	D <sub>A</sub>			2	1000	0.999	0.998
$n_{F'}$	480.0	1.76023					950	0.999	0.998
$n_g$	435.8	1.77439	<b>Thermal Properties</b>				900	0.999	0.998
$n_h$	404.7	1.78837	T <sub>g</sub> (°C)		430		850	0.999	0.998
$n_i$	365.0	1.81447	T <sub>s</sub> (°C)		460		800	0.999	0.998
			T <sub>10</sub> <sup>14.5</sup> (°C)				700	0.999	0.998
			T <sub>10</sub> <sup>13</sup> (°C)				650	0.999	0.998
			T <sub>10</sub> <sup>7.6</sup> (°C)				600	0.999	0.998
<b>Constants of Dispersion Formula</b>			$\alpha_{20/120^\circ C}(10^{-7}/K)$		89		550	0.999	0.998
A <sub>0</sub>	2.9160432		$\alpha_{100/300^\circ C}(10^{-7}/K)$		98		500	0.998	0.997
A <sub>1</sub>	$-1.0435647 \times 10^{-2}$		$\lambda$ (W/m · K)				480	0.998	0.997
A <sub>2</sub>	$3.3907872 \times 10^{-2}$		<b>Mechanical Properties</b>				460	0.997	0.994
A <sub>3</sub>	$2.2728802 \times 10^{-3}$		H <sub>K</sub> (10 <sup>7</sup> Pa)		390		440	0.994	0.988
A <sub>4</sub>	$-1.3563213 \times 10^{-4}$		F <sub>A</sub>				420	0.984	0.969
A <sub>5</sub>	$1.6527592 \times 10^{-5}$		E (10 <sup>7</sup> Pa)		5440		400	0.956	0.914
<b>Deviation of Relative Partial Dispersions <math>\Delta P</math> from the "Normal Line"</b>			G (10 <sup>7</sup> Pa)		2200		390	0.92	0.85
$\Delta P_{F,e}$	0.0007		$\mu$		0.236		380	0.86	0.74
$\Delta P_{g,F}$	0.0039		B (10 <sup>-12</sup> /Pa)				370	0.73	0.54
			<b>Other Properties</b>				360	0.48	0.23
			$\rho$ (g/cm <sup>3</sup> )		4.65		350	0.15	0.02
<b>Temperature Coefficients of Refractive Index</b>									
Rang of Temperature	<b>dn/dt relative(10<sup>-6</sup>/°C)</b>								
	t	C'	d	e	F'	g			
-40~-20									
-20~0									
0~20									
20~40									
40~60									
60~80									
							<b>Coloration Code</b>		
							$\lambda_{80}/\lambda_5$	41/35	