

<b>H-ZLaF3</b>	<b>855366</b>	$n_d = 1.85544$	$\nu_d = 36.59$	$n_F - n_C = 0.023381$
		$n_e = 1.86099$	$\nu_e = 36.34$	$n_{F'} - n_{C'} = 0.023694$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.2943	$P'_{d,c'}$	0.2448	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0	1.83155	$P_{e,d}$	0.2373	$P'_{e,d}$	0.2342	2400	0.86	0.74
$n_r$	706.5	1.84474	$P_{g,F}$	0.5781	$P'_{g,F'}$	0.5118	2200	0.962	0.926
$n_c$	656.3	1.84856					2000	0.987	0.975
$n_{c'}$	643.8	1.84964	Chemical Properties				1800	0.998	0.996
$n_{He-Ne}$	632.8	1.85065			Grade		1600	0.999	0.998
$n_D$	589.3	1.85524	RC(S)		1		1400	0.999	0.998
$n_d$	587.6	1.85544	RA(S)		3		1200	0.999	0.998
$n_e$	546.1	1.86099	D <sub>W</sub>		1		1060	0.999	0.998
$n_F$	486.1	1.87194	D <sub>A</sub>		5		1000	0.999	0.998
$n_{F'}$	480.0	1.87333					950	0.999	0.998
$n_g$	435.8	1.88546	Thermal Properties				900	0.999	0.998
$n_h$	404.7	1.89718	T <sub>g</sub> (°C)		644		850	0.999	0.998
$n_i$	365.0	1.91836	T <sub>s</sub> (°C)		679		800	0.998	0.997
			T <sub>10</sub> <sup>14.5</sup> (°C)		616		700	0.998	0.996
			T <sub>10</sub> <sup>13</sup> (°C)		644		650	0.998	0.996
			T <sub>10</sub> <sup>7.6</sup> (°C)		735		600	0.997	0.994
Constants of Dispersion Formula			$\alpha_{20/120^\circ C}(10^{-7}/K)$		64		550	0.996	0.992
A <sub>0</sub>	3.3326061		$\alpha_{100/300^\circ C}(10^{-7}/K)$		74		500	0.992	0.984
A <sub>1</sub>	$-1.4221730 \times 10^{-2}$		$\lambda$ (W/m · K)				480	0.989	0.978
A <sub>2</sub>	$3.6629995 \times 10^{-2}$		Mechanical Properties				460	0.984	0.969
A <sub>3</sub>	$1.0203791 \times 10^{-3}$		H <sub>K</sub> (10 <sup>7</sup> Pa)		681		440	0.978	0.957
A <sub>4</sub>	$-3.1748127 \times 10^{-6}$		F <sub>A</sub>		98		420	0.967	0.936
A <sub>5</sub>	$5.7655628 \times 10^{-6}$		E (10 <sup>7</sup> Pa)		12068		400	0.941	0.886
Deviation of Relative Partial Dispersions $\Delta P$ from the "Normal Line"			G (10 <sup>7</sup> Pa)		4663		390	0.913	0.834
$\Delta P_{Fe}$	-0.0013		$\mu$		0.294		380	0.86	0.74
$\Delta P_{g,F}$	-0.0053		B (10 <sup>-12</sup> /Pa)				370	0.73	0.54
			Other Properties				360	0.47	0.22
			$\rho$ (g/cm <sup>3</sup> )		4.50		350	0.14	0.02
Temperature Coefficients of Refractive Index									
Rang of Temperature	$dn/dt$ relative(10 <sup>-6</sup> /°C)								
	t	C'	d	e	F'	g			
-40~-20	3.6	4.5	5.0	5.1	6.1	6.7	340		
-20~0	3.7	4.9	5.2	5.6	6.4	7.9	330		
0~20	4.0	4.9	6.0	6.2	7.1	8.0	320		
20~40	4.4	5.3	5.8	6.2	7.3	8.3	310		
40~60	4.6	5.7	5.9	6.2	7.3	8.6	300		
60~80	4.4	5.9	6.2	6.9	7.4	8.6	290		
							280		
			Coloration Code						
	$\lambda_{70}/\lambda_5$	39/35							