

<b>H-ZLaF55C</b>	<b>835427</b>	$n_d = 1.83481$	$v_d = 42.71$	$n_F - n_c = 0.019545$
		$n_e = 1.83945$	$v_e = 42.47$	$n_{F'} - n_{c'} = 0.019767$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.2983	$P'_{d,c'}$	0.2484	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0	1.81421	$P_{e,d}$	0.2374	$P'_{e,d}$	0.2347	2400	0.862	0.742
$n_r$	706.5	1.82572	$P_{g,F}$	0.5634	$P'_{g,F'}$	0.4994	2200	0.963	0.927
$n_c$	656.3	1.82898					2000	0.985	0.971
$n_{c'}$	643.8	1.82990	<b>Chemical Properties</b>				1800	0.995	0.991
$n_{He-Ne}$	632.8	1.83076			Grade		1600	0.998	0.996
$n_D$	589.3	1.83464	RC(S)		1		1400	0.999	0.997
$n_d$	587.6	1.83481	RA(S)		3		1200	0.999	0.998
$n_e$	546.1	1.83945	D <sub>W</sub>		1		1060	0.999	0.998
$n_F$	486.1	1.84852	D <sub>A</sub>		2		1000	0.999	0.998
$n_{F'}$	480.0	1.84966					950	0.999	0.998
$n_g$	435.8	1.85953	<b>Thermal Properties</b>				900	0.999	0.998
$n_h$	404.7	1.86890	T <sub>g</sub> (°C)		680		850	0.999	0.998
$n_i$	365.0	1.88534	T <sub>s</sub> (°C)		709		800	0.998	0.997
			T <sub>10</sub> <sup>14.5</sup> (°C)		634		700	0.998	0.996
			T <sub>10</sub> <sup>13</sup> (°C)		663		650	0.998	0.996
			T <sub>10</sub> <sup>7.6</sup> (°C)		758		600	0.998	0.997
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		67		550	0.999	0.998
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		78		500	0.997	0.994
			$\lambda$ (W/m · K)				480	0.993	0.987
							460	0.990	0.981
			<b>Mechanical Properties</b>				440	0.984	0.970
			H <sub>K</sub> (10 <sup>7</sup> Pa)		722		420	0.979	0.958
			F <sub>A</sub>		93		400	0.965	0.931
			E (10 <sup>7</sup> Pa)		12779		390	0.950	0.903
			G (10 <sup>7</sup> Pa)		1920		380	0.928	0.861
			$\mu$		0.299		370	0.887	0.787
			B (10 <sup>-12</sup> /Pa)		1.35		360	0.822	0.675
							350	0.720	0.518
			<b>Other Properties</b>				340	0.560	0.314
			$\rho$ (g/cm <sup>3</sup> )		4.73		330	0.330	0.109
							320		
							310		
							300		
							290		
							280		
							<b>Coloration Code</b>		
							$\lambda_{80}/\lambda_5$	41/33	
Temperature Coefficients of Refractive Index									
Rang of Temperature		dn/dt relative(10 <sup>-6</sup> /°C)							
		t	C'	d	e	F'	g		
-40~-20		3.3	4.0	3.5	3.9	4.7	5.1		
-20~0		3.1	4.5	4.9	5.3	5.8	6.8		
0~20		3.3	3.8	4.4	4.7	5.0	6.5		
20~40		3.9	4.5	4.7	5.2	5.6	6.3		
40~60		2.9	3.2	4.0	4.1	5.2	5.5		
60~80		3.3	4.2	5.2	5.3	6.3	7.1		