

<b>H-ZBaF5</b>	<b>671473</b>	$n_d = 1.67103$	$\nu_d = 47.29$	$n_F - n_c = 0.014190$
		$n_e = 1.67440$	$\nu_e = 46.99$	$n_{F'} - n_{c'} = 0.014353$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.2987	$P'_{d,c'}$	0.2489	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0	1.65601	$P_{e,d}$	0.2378	$P'_{e,d}$	0.2351	2400	0.943	0.889
$n_r$	706.5	1.66441	$P_{g,F}$	0.5641	$P'_{g,F'}$	0.4999	2200	0.971	0.942
$n_c$	656.3	1.66679					2000	0.986	0.972
$n_{c'}$	643.8	1.66745	<b>Chemical Properties</b>				1800	0.992	0.984
$n_{He-Ne}$	632.8	1.66808			Grade		1600	0.998	0.997
$n_D$	589.3	1.67090	RC(S)		1		1400	0.999	0.998
$n_d$	587.6	1.67103	RA(S)		3		1200	0.999	0.998
$n_e$	546.1	1.67440	D <sub>W</sub>		1		1060	0.999	0.998
$n_F$	486.1	1.68098	D <sub>A</sub>		2		1000	0.999	0.998
$n_{F'}$	480.0	1.68181					950	0.999	0.998
$n_g$	435.8	1.68899	<b>Thermal Properties</b>				900	0.998	0.997
$n_h$	404.7	1.69579	T <sub>g</sub> (°C)		583		850	0.998	0.996
$n_i$	365.0	1.70770	T <sub>s</sub> (°C)		652		800	0.995	0.991
			T <sub>10</sub> <sup>14.5</sup> (°C)		540		700	0.995	0.990
			T <sub>10</sub> <sup>13</sup> (°C)		580		650	0.995	0.990
			T <sub>10</sub> <sup>7.6</sup> (°C)		728		600	0.994	0.989
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		73		550	0.994	0.989
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		85		500	0.992	0.985
			$\lambda$ (W/m · K)				480	0.991	0.983
							460	0.990	0.980
<b>Constants of Dispersion Formula</b>			<b>Mechanical Properties</b>				440	0.988	0.976
A <sub>0</sub>	2.7282151		H <sub>K</sub> (10 <sup>7</sup> Pa)		626		420	0.985	0.971
A <sub>1</sub>	-8.0178532×10 <sup>-3</sup>		F <sub>A</sub>		150		400	0.976	0.953
A <sub>2</sub>	2.3279778×10 <sup>-2</sup>		E (10 <sup>7</sup> Pa)		9696		390	0.964	0.930
A <sub>3</sub>	-3.6689702×10 <sup>-4</sup>		G (10 <sup>7</sup> Pa)		3807		380	0.941	0.886
A <sub>4</sub>	1.1767626×10 <sup>-4</sup>		$\mu$		0.273		370	0.89	0.80
A <sub>5</sub>	-4.6438147×10 <sup>-6</sup>		B (10 <sup>-12</sup> /Pa)				360	0.79	0.63
							350	0.58	0.34
<b>Deviation of Relative Partial Dispersions <math>\Delta P</math> from the "Normal Line"</b>			<b>Other Properties</b>				340	0.23	0.06
$\Delta P_{F,e}$	-0.0003		$\rho$ (g/cm <sup>3</sup> )		3.58		330		
$\Delta P_{g,F}$	-0.0010						320		
							310		
							300		
							290		
							280		
							<b>Coloration Code</b>		
							$\lambda_{80}/\lambda_5$	38/34	
<b>Temperature Coefficients of Refractive Index</b>									
Rang of Temperature	dn/dt relative(10 <sup>-6</sup> /°C)								
	t	C'	d	e	F'	g			
-40~-20	3.1	3.6	4.0	4.4	4.8	5.4			
-20~0	3.5	3.9	4.3	4.4	5.0	5.6			
0~20	3.6	4.1	4.5	4.7	5.1	5.9			
20~40	3.7	4.4	4.6	4.8	5.6	6.0			
40~60	3.7	4.5	4.7	4.8	5.5	6.3			
60~80	3.8	4.7	4.9	5.1	5.8	6.4			