

<b>H-LaK5A</b>	<b>678555</b>	$n_d=1.67790$	$\nu_d=55.52$	$n_F - n_C = 0.012211$
		$n_e=1.68081$	$\nu_e=55.26$	$n_{F'} - n_{C'} = 0.012319$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.3030	$P'_{d,c'}$	0.2525	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0	1.66434	$P_{e,d}$	0.2383	$P'_{e,d}$	0.2362	2400	0.85	0.72
$n_r$	706.5	1.67210	$P_{g,F}$	0.5456	$P'_{g,F'}$	0.4848	2200	0.952	0.906
$n_c$	656.3	1.67420					2000	0.983	0.967
$n_{c'}$	643.8	1.67479	<b>Chemical Properties</b>				1800	0.994	0.988
$n_{He-Ne}$	632.8	1.67534			Grade		1600	0.999	0.998
$n_D$	589.3	1.67779	RC(S)		1		1400	0.999	0.998
$n_d$	587.6	1.67790	RA(S)		3		1200	0.999	0.998
$n_e$	546.1	1.68081	D <sub>W</sub>		3		1060	0.999	0.998
$n_F$	486.1	1.68641	D <sub>A</sub>		6		1000	0.999	0.998
$n_{F'}$	480.0	1.68710					950	0.999	0.998
$n_g$	435.8	1.69307	<b>Thermal Properties</b>				900	0.999	0.998
$n_h$	404.7	1.69862	T <sub>g</sub> (°C)		646		850	0.999	0.998
$n_i$	365.0	1.70810	T <sub>s</sub> (°C)		669		800	0.999	0.998
			T <sub>10</sub> <sup>14.5</sup> (°C)		616		700	0.998	0.997
			T <sub>10</sub> <sup>13</sup> (°C)		632		650	0.997	0.995
			T <sub>10</sub> <sup>7.6</sup> (°C)		722		600	0.997	0.994
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		83		550	0.996	0.993
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		94		500	0.995	0.991
			$\lambda$ (W/m · K)				480	0.994	0.989
							460	0.993	0.986
<b>Constants of Dispersion Formula</b>			<b>Mechanical Properties</b>				440	0.991	0.983
A <sub>0</sub>	2.7628278		H <sub>K</sub> (10 <sup>7</sup> Pa)		576		420	0.990	0.980
A <sub>1</sub>	-1.1085366 × 10 <sup>-2</sup>		F <sub>A</sub>		174		400	0.986	0.973
A <sub>2</sub>	1.9039600 × 10 <sup>-2</sup>		E (10 <sup>7</sup> Pa)		9561		390	0.983	0.966
A <sub>3</sub>	5.1422417 × 10 <sup>-5</sup>		G (10 <sup>7</sup> Pa)		3705		380	0.976	0.953
A <sub>4</sub>	3.6374081 × 10 <sup>-5</sup>		$\mu$		0.290		370	0.964	0.930
A <sub>5</sub>	-1.5552597 × 10 <sup>-6</sup>		B (10 <sup>-12</sup> /Pa)		1.57		360	0.941	0.886
							350	0.907	0.823
<b>Deviation of Relative Partial Dispersions <math>\Delta P</math> from the "Normal Line"</b>			<b>Other Properties</b>				340	0.85	0.72
$\Delta P_{F,e}$	-0.0008		$\rho$ (g/cm <sup>3</sup> )		3.80		330	0.77	0.59
$\Delta P_{g,F}$	-0.0056						320	0.66	0.44
							310	0.54	0.29
							300	0.41	0.17
							290	0.30	0.09
							280	0.19	0.04
							<b>Coloration Code</b>		
							$\lambda_{80}/\lambda_5$	36/29	
<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	-1.0	0.3	-0.1	0.5	0.5	0.5			
-20~0	-0.6	0.3	-0.1	0.3	1.1	1.1			
0~20	0.0	0.1	0.1	0.5	0.8	1.2			
20~40	0.1	0.2	0.9	0.9	1.6	1.6			
40~60	0.1	0.5	0.8	1.0	1.4	1.7			
60~80	0.1	0.7	0.6	1.2	1.2	1.6			