

<b>H-LaK59A</b>	<b>691548</b>	$n_d=1.69100$	$\nu_d=54.82$	$n_F - n_c =0.012606$
		$n_e=1.69401$	$\nu_e=54.60$	$n_{F'} - n_{c'} =0.012711$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.3046	$P'_{d,c'}$	0.2541	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0	1.67704	$P_{e,d}$	0.2388	$P'_{e,d}$	0.2368	2400	0.812	0.659
$n_r$	706.5	1.68500	$P_{g,F}$	0.5471	$P'_{g,F'}$	0.4860	2200	0.926	0.858
$n_c$	656.3	1.68716					2000	0.973	0.947
$n_{c'}$	643.8	1.68777	Chemical Properties				1800	0.987	0.975
$n_{He-Ne}$	632.8	1.68834			Grade		1600	0.995	0.990
$n_D$	589.3	1.69089	RC(S)	1			1400	0.996	0.993
$n_d$	587.6	1.69100	RA(S)	5			1200	0.999	0.998
$n_e$	546.1	1.69401	$D_W$	3			1060	0.999	0.998
$n_F$	486.1	1.69976	$D_A$	4			1000	0.999	0.998
$n_{F'}$	480.0	1.70048					950	0.999	0.998
$n_g$	435.8	1.70666	Thermal Properties				900	0.999	0.998
$n_h$	404.7	1.71240	$T_g$ (°C)	634			850	0.999	0.998
$n_i$	365.0	1.72224	$T_s$ (°C)	658			800	0.999	0.998
			$T_{10}^{14.5}$ (°C)	592			700	0.998	0.996
			$T_{10}^{13}$ (°C)	615			650	0.998	0.996
			$T_{10}^{7.6}$ (°C)	707			600	0.997	0.995
			$\alpha_{20/120^\circ C}(10^{-7}/K)$	82			550	0.997	0.995
			$\alpha_{100/300^\circ C}(10^{-7}/K)$	96			500	0.997	0.995
			$\lambda$ (W/m · K)				480	0.996	0.993
							460	0.995	0.991
			Mechanical Properties				440	0.993	0.987
			$H_K$ ( $10^7$ Pa)	537			420	0.992	0.985
			$F_A$	161			400	0.986	0.972
			$E$ ( $10^7$ Pa)	9378			390	0.978	0.956
			$G$ ( $10^7$ Pa)	3623			380	0.963	0.928
			$\mu$	0.294			370	0.933	0.871
			$B$ ( $10^{-12}$ /Pa)	1.52			360	0.884	0.781
							350	0.800	0.640
			Other Properties				340	0.676	0.457
			$\rho$ (g/cm <sup>3</sup> )	3.94			330	0.521	0.271
<b>Temperature Coefficients of Refractive Index</b>									
Rang of Temperature		dn/dt relative( $10^{-6}/^\circ C$ )							
	t	C'	d	e	F'	g			
-40~-20	-2.4	-2.0	-1.7	-1.3	-0.9	-0.4			
-20~0	-1.4	-0.8	-0.7	-0.5	-0.3	-0.2			
0~20	-1.0	-0.8	-0.5	-0.4	-0.1	0.4			
20~40	-0.9	-0.4	-0.3	-0.1	0.4	0.4			
40~60	-0.8	-0.2	-0.2	-0.2	0.2	0.6			
60~80	-1.0	-0.4	-0.1	0.1	0.3	0.7			
							Coloration Code		
							$\lambda_{80}/\lambda_5$	38/31	