

<b>H-LaK7A</b>	<b>713538</b>	$n_d=1.71300$	$\nu_d=53.83$	$n_F - n_c = 0.013245$
		$n_e=1.71616$	$\nu_e=53.61$	$n_{F'} - n_{c'} = 0.013359$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.3041	$P'_{d,c'}$	0.2535	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0	1.69813	$P_{e,d}$	0.2384	$P'_{e,d}$	0.2363	2400	0.778	0.605
$n_r$	706.5	1.70669	$P_{g,F}$	0.5421	$P'_{g,F'}$	0.4806	2200	0.932	0.868
$n_c$	656.3	1.70898					2000	0.977	0.955
$n_{c'}$	643.8	1.70962	<b>Chemical Properties</b>				1800	0.991	0.983
$n_{He-Ne}$	632.8	1.71022					1600	0.996	0.993
$n_D$	589.3	1.71289					1400	0.996	0.993
$n_d$	587.6	1.71300					1200	0.999	0.998
$n_e$	546.1	1.71616					1060	0.999	0.998
$n_F$	486.1	1.72222					1000	0.999	0.998
$n_{F'}$	480.0	1.72298					950	0.999	0.998
$n_g$	435.8	1.72940					900	0.999	0.998
$n_h$	404.7	1.73541					850	0.999	0.998
$n_i$	365.0	1.74569					800	0.997	0.994
							700	0.997	0.994
							650	0.996	0.993
<b>Constants of Dispersion Formula</b>							600	0.998	0.996
$A_0$	2.8798217						550	0.998	0.996
$A_1$	$-1.4753735 \times 10^{-2}$						500	0.998	0.996
$A_2$	$1.8859565 \times 10^{-2}$						480	0.997	0.994
$A_3$	$7.4688743 \times 10^{-4}$						460	0.996	0.992
$A_4$	$-6.2372333 \times 10^{-5}$						440	0.993	0.987
$A_5$	$3.8809849 \times 10^{-6}$						420	0.992	0.984
							400	0.988	0.977
<b>Deviation of Relative Partial Dispersions <math>\Delta P</math> from the "Normal Line"</b>							390	0.984	0.969
$\Delta P_{F,e}$	-0.0028						380	0.978	0.956
$\Delta P_{g,F}$	-0.0119						370	0.963	0.928
							360	0.940	0.884
							350	0.903	0.815
							340	0.844	0.712
							330	0.764	0.583
							320	0.663	0.440
							310	0.553	0.306
							300	0.445	0.198
							290	0.349	0.122
							280	0.266	0.071
							<b>Coloration Code</b>		
							$\lambda_{80}/\lambda_5$	37/28	
<b>Temperature Coefficients of Refractive Index</b>									
<b>Rang of Temperature</b>	<b>dn/dt relative(<math>10^{-6}/^{\circ}\text{C}</math>)</b>								
	t	$C'$	d	e	$F'$	g			
-40~-20	2.8	3.6	4.1	4.1	4.0	4.8			
-20~0	3.2	3.6	3.5	3.7	4.1	4.3			
0~20	2.9	3.3	3.6	3.6	3.9	4.1			
20~40	2.7	3.2	3.4	3.6	4.3	4.4			
40~60	2.8	3.3	3.7	4.1	4.1	5.0			
60~80	2.9	3.9	4.0	4.2	4.2	4.9			