

<b>H-TF3L</b>	<b>613441</b>	$n_d = 1.61340$	$v_d = 44.11$	$n_F - n_C = 0.013907$
		$n_e = 1.61669$	$v_e = 43.91$	$n_{F'} - n_{C'} = 0.014044$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance			
	$\lambda$ (nm)		$P_{d,c}$	0.2989	$P'_{d,c'}$	0.2492	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm	
$n_t$	1014.0	1.59837	$P_{e,d}$	0.2364	$P'_{e,d}$	0.2341	2400	0.89	0.79	
$n_r$	706.5	1.60691	$P_{g,F}$	0.5622	$P'_{g,F'}$	0.5002	2200	0.938	0.88	
$n_c$	656.3	1.60924					2000	0.986	0.973	
$n_{c'}$	643.8	1.60990	<b>Chemical Properties</b>				1800	0.993	0.987	
$n_{He-Ne}$	632.8	1.61051			Grade		1600	0.997	0.993	
$n_D$	589.3	1.61327	RC(S)		1		1400	0.990	0.980	
$n_d$	587.6	1.61340	RA(S)		1		1200	0.999	0.998	
$n_e$	546.1	1.61669	D <sub>W</sub>		1		1060	0.999	0.998	
$n_F$	486.1	1.62315	D <sub>A</sub>		1		1000	0.999	0.998	
$n_{F'}$	480.0	1.62394					950	0.999	0.998	
$n_g$	435.8	1.63097	<b>Thermal Properties</b>				900	0.998	0.997	
$n_h$	404.7	1.63767	T <sub>g</sub> (°C)		525		850	0.998	0.996	
$n_i$	365.0		T <sub>s</sub> (°C)		574		800	0.998	0.996	
			T <sub>10</sub> <sup>14.5</sup> (°C)				700	0.997	0.994	
			T <sub>10</sub> <sup>13</sup> (°C)				650	0.996	0.992	
<b>Constants of Dispersion Formula</b>			T <sub>10</sub> <sup>7.6</sup> (°C)		663		600	0.996	0.992	
A <sub>0</sub>	2.5493446		$\alpha_{20/120^\circ C}(10^{-7}/K)$		63		550	0.996	0.992	
A <sub>1</sub>	$-1.2566087 \times 10^{-2}$		$\alpha_{100/300^\circ C}(10^{-7}/K)$		77		500	0.995	0.989	
A <sub>2</sub>	$1.8232175 \times 10^{-2}$		$\lambda$ (W/m · K)				480	0.994	0.988	
A <sub>3</sub>	$6.7809743 \times 10^{-4}$		<b>Mechanical Properties</b>				460	0.993	0.986	
A <sub>4</sub>	$-2.8500371 \times 10^{-5}$		HK		625		440	0.992	0.984	
A <sub>5</sub>	$3.2560812 \times 10^{-6}$		F <sub>A</sub>		90		420	0.991	0.982	
<b>Deviation of Relative Partial Dispersions <math>\Delta P</math> from the "Normal Line"</b>			E (10 <sup>7</sup> Pa)		9070		400	0.988	0.977	
$\Delta P_{F,e}$	-0.0009		G (10 <sup>7</sup> Pa)		3690		390	0.985	0.970	
$\Delta P_{g,F}$	-0.0083		$\mu$		0.229		380	0.980	0.960	
			B (10 <sup>-12</sup> /Pa)				370	0.970	0.941	
			<b>Other Properties</b>				360	0.947	0.900	
			$\rho$ (g/cm <sup>3</sup> )		2.80		350	0.89	0.79	
<b>Temperature Coefficients of Refractive Index</b>							340	0.72	0.51	
<b>Rang of Temperature(°C)</b>		<b>dn/dt rel (10<sup>-6</sup>/°C)</b>						330	0.33	0.11
	t	C'	d	e	F'	g	320			
-40~-20	3.5	3.8	4.1	4.5	4.8	5.2	310			
-20~0	3.7	4.5	4.6	4.9	5.4	6.0	300			
0~20	4.1	4.7	4.8	5.0	5.5	6.3	290			
20~40	4.2	4.8	4.9	5.2	5.7	6.2	280			
40~60	4.3	4.8	5.1	5.2	5.9	6.3				
60~80	4.5	4.9	5.3	5.4	6.1	6.3	<b>Coloration Code</b>			
								$\lambda_{80}/\lambda_5$	36/33	