

<b>H-ZK14</b>	<b>603606</b>	$n_d = 1.60311$	$v_d = 60.60$	$n_F - n_c = 0.009952$
		$n_e = 1.60548$	$v_e = 60.35$	$n_{F'} - n_{c'} = 0.010033$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.3051	$P'_{d,c'}$	0.2544	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0	1.59181	$P_{e,d}$	0.2385	$P'_{e,d}$	0.2366	2400	0.80	0.64
$n_r$	706.5	1.59834	$P_{g,F}$	0.5368	$P'_{g,F'}$	0.4766	2200	0.88	0.77
$n_c$	656.3	1.60007					2000	0.968	0.937
$n_{c'}$	643.8	1.60056	<b>Chemical Properties</b>				1800	0.979	0.958
$n_{He-Ne}$	632.8	1.60101			Grade		1600	0.990	0.980
$n_D$	589.3	1.60302	RC(S)		3		1400	0.995	0.990
$n_d$	587.6	1.60311	RA(S)		3		1200	0.997	0.995
$n_e$	546.1	1.60548	D <sub>W</sub>		2		1060	0.998	0.996
$n_F$	486.1	1.61003	D <sub>A</sub>		4		1000	0.998	0.996
$n_{F'}$	480.0	1.61059					950	0.998	0.996
$n_g$	435.8	1.61537	<b>Thermal Properties</b>				900	0.998	0.996
$n_h$	404.7	1.61982	$T_g$ (°C)		647		850	0.998	0.997
$n_i$	365.0	1.62738	$T_s$ (°C)		687		800	0.998	0.997
			$T_{10}^{14.5}$ (°C)		590		700	0.998	0.997
			$T_{10}^{13}$ (°C)		620		650	0.998	0.997
			$T_{10}^{7.6}$ (°C)		768		600	0.998	0.997
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		65		550	0.999	0.998
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		75		500	0.998	0.997
			$\lambda$ (W/m · K)				480	0.998	0.996
							460	0.997	0.995
			<b>Mechanical Properties</b>				440	0.997	0.994
			$H_K$ ( $10^7$ Pa)		581		420	0.997	0.994
			F <sub>A</sub>		135		400	0.995	0.991
			E ( $10^7$ Pa)		8460		390	0.992	0.985
			G ( $10^7$ Pa)		3370		380	0.988	0.976
			$\mu$		0.257		370	0.980	0.961
			B ( $10^{-12}$ /Pa)				360	0.965	0.931
							350	0.933	0.87
			<b>Other Properties</b>				340	0.88	0.78
			$\rho$ (g/cm <sup>3</sup> )		3.44		330	0.80	0.64
							320	0.67	0.45
							310	0.50	0.25
							300	0.30	0.09
							290	0.14	0.02
							280		
							<b>Coloration Code</b>		
			$\lambda_{80}/\lambda_5$		35/30				
<b>Constants of Dispersion Formula</b>									
$A_0$	2.5302244								
$A_1$	$-1.0198544 \times 10^{-2}$								
$A_2$	$1.4284397 \times 10^{-2}$								
$A_3$	$2.5335097 \times 10^{-4}$								
$A_4$	$-1.2997637 \times 10^{-5}$								
$A_5$	$1.1042061 \times 10^{-6}$								
<b>Deviation of Relative Partial Dispersions <math>\Delta P</math> from the "Normal Line"</b>									
$\Delta P_{F,e}$	-0.0002								
$\Delta P_{g,F}$	-0.0057								
<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	1.4	1.7	1.9	2.1	2.3	2.4			
-20~0	1.6	1.8	2.1	2.3	2.5	2.8			
0~20	1.8	2.1	2.4	2.5	2.7	2.9			
20~40	2.2	2.4	2.5	2.5	2.7	3.0			
40~60	2.2	2.4	2.5	2.5	2.7	3.3			
60~80	2.2	2.5	2.7	2.9	2.9	3.6			