

<b>H-ZF12</b>	<b>762266</b>	$n_d = 1.76182$	$\nu_d = 26.61$	$n_F - n_C = 0.028631$
		$n_e = 1.76857$	$\nu_e = 26.39$	$n_{F'} - n_{C'} = 0.029118$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.2873	$P'_{d,c'}$	0.2386	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0	1.73421	$P_{e,d}$	0.2357	$P'_{e,d}$	0.2318	2400	0.951	0.904
$n_r$	706.5	1.74911	$P_{g,F}$	0.6123	$P'_{g,F'}$	0.5409	2200	0.967	0.935
$n_c$	656.3	1.75359					2000	0.985	0.970
$n_{c'}$	643.8	1.75487	<b>Chemical Properties</b>				1800	0.991	0.982
$n_{He-Ne}$	632.8	1.75608			Grade		1600	0.999	0.998
$n_D$	589.3	1.76157	RC(S)		2		1400	0.999	0.998
$n_d$	587.6	1.76182	RA(S)		1		1200	0.999	0.998
$n_e$	546.1	1.76857	D <sub>W</sub>		1		1060	0.999	0.998
$n_F$	486.1	1.78221	D <sub>A</sub>		1		1000	0.999	0.998
$n_{F'}$	480.0	1.78399					950	0.999	0.998
$n_g$	435.8	1.79974	<b>Thermal Properties</b>				900	0.999	0.998
$n_h$	404.7	1.81558	T <sub>g</sub> (°C)		617		850	0.998	0.997
$n_i$	365.0		T <sub>s</sub> (°C)		661		800	0.998	0.997
			T <sub>10</sub> <sup>14.5</sup> (°C)		574		700	0.997	0.995
			T <sub>10</sub> <sup>13</sup> (°C)		608		650	0.996	0.993
			T <sub>10</sub> <sup>7.6</sup> (°C)		719		600	0.996	0.993
<b>Constants of Dispersion Formula</b>			$\alpha_{20/120^\circ C}(10^{-7}/K)$		89		550	0.995	0.991
A <sub>0</sub>	2.9883362		$\alpha_{100/300^\circ C}(10^{-7}/K)$		101		500	0.992	0.984
A <sub>1</sub>	$-1.5580830 \times 10^{-2}$		$\lambda$ (W/m · K)				480	0.990	0.980
A <sub>2</sub>	$3.2558574 \times 10^{-2}$		<b>Mechanical Properties</b>				460	0.986	0.973
A <sub>3</sub>	$4.0763444 \times 10^{-3}$		H <sub>K</sub> (10 <sup>7</sup> Pa)		538		440	0.981	0.962
A <sub>4</sub>	$-4.2358527 \times 10^{-4}$		F <sub>A</sub>		155		420	0.964	0.930
A <sub>5</sub>	$4.0442221 \times 10^{-5}$		E (10 <sup>7</sup> Pa)		9006		400	0.907	0.823
<b>Deviation of Relative Partial Dispersions <math>\Delta P</math> from the "Normal Line"</b>			G (10 <sup>7</sup> Pa)		3611		390	0.82	0.68
$\Delta P_{F,e}$	0.0019		$\mu$		0.247		380	0.62	0.39
$\Delta P_{g,F}$	0.0119		B (10 <sup>-12</sup> /Pa)				370	0.26	0.07
			<b>Other Properties</b>				360		
			$\rho$ (g/cm <sup>3</sup> )		3.17		350		
<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	-0.9	-0.3	0.9	1.5	3.1	3.0	300		
-20~0	1.0	1.1	1.6	2.0	3.0	3.7	290		
0~20	1.0	1.3	1.9	2.7	3.6	5.3	280		
20~40	-0.9	1.4	1.9	2.6	4.0	6.1	<b>Coloration Code</b>		
40~60	0.8	1.5	2.1	2.7	4.1	6.0	$\lambda_{80}/\lambda_5$	42/37	
60~80	1.1	1.8	2.0	3.0	4.3	6.4			