

<b>H-ZF13</b>	<b>785257</b>	$n_d = 1.78472$	$v_d = 25.72$	$n_F - n_C = 0.030510$
		$n_e = 1.79191$	$v_e = 25.51$	$n_{F'} - n_{C'} = 0.031042$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.2867	$P'_{d,c'}$	0.2380	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0	1.75543	$P_{e,d}$	0.2356	$P'_{e,d}$	0.2315	2400	0.953	0.909
$n_r$	706.5	1.77120	$P_{g,F}$	0.6168	$P'_{g,F'}$	0.5454	2200	0.972	0.944
$n_c$	656.3	1.77597					2000	0.987	0.974
$n_{c'}$	643.8	1.77733	<b>Chemical Properties</b>				1800	0.993	0.987
$n_{He-Ne}$	632.8	1.77861	Grade				1600	0.999	0.998
$n_D$	589.3	1.78446	RC(S)				1400	0.999	0.998
$n_d$	587.6	1.78472	RA(S)				1200	0.999	0.998
$n_e$	546.1	1.79191	D <sub>W</sub>				1060	0.999	0.998
$n_F$	486.1	1.80648	D <sub>A</sub>				1000	0.999	0.998
$n_{F'}$	480.0	1.80837					950	0.999	0.998
$n_g$	435.8	1.82530	<b>Thermal Properties</b>				900	0.999	0.998
$n_h$	404.7	1.84236	$T_g$ (°C)				850	0.999	0.998
$n_i$	365.0		$T_s$ (°C)				800	0.999	0.998
			$T_{10}^{14.5}$ (°C)				700	0.998	0.996
			$T_{10}^{13}$ (°C)				650	0.997	0.995
			$T_{10}^{7.6}$ (°C)				600	0.997	0.994
<b>Constants of Dispersion Formula</b>			$\alpha_{20/120^\circ C}(10^{-7}/K)$				550	0.996	0.992
$A_0$	3.0515094		$\alpha_{100/300^\circ C}(10^{-7}/K)$				500	0.991	0.983
$A_1$	$-1.2317710 \times 10^{-2}$		$\lambda$ (W/m · K)				480	0.989	0.978
$A_2$	$4.2153261 \times 10^{-2}$		<b>Mechanical Properties</b>				460	0.985	0.971
$A_3$	$1.8166963 \times 10^{-3}$		H <sub>K</sub> (10 <sup>7</sup> Pa)				440	0.978	0.956
$A_4$	$-2.8766152 \times 10^{-5}$		F <sub>A</sub>				420	0.959	0.919
$A_5$	$1.8851851 \times 10^{-5}$		E (10 <sup>7</sup> Pa)				400	0.89	0.80
<b>Deviation of Relative Partial Dispersions <math>\Delta P</math> from the "Normal Line"</b>			E (10 <sup>7</sup> Pa)				390	0.81	0.65
$\Delta P_{F,e}$	0.0023		G (10 <sup>7</sup> Pa)				380	0.62	0.38
$\Delta P_{g,F}$	0.0149		$\mu$				370	0.27	0.07
			B (10 <sup>-12</sup> /Pa)				360		
			<b>Other Properties</b>				350		
			$\rho$ (g/cm <sup>3</sup> )				340		
							330		
<b>Temperature Coefficients of Refractive Index</b>							320		
Rang of Temperature	<b>dn/dt relative(10<sup>-6</sup>/°C)</b>						310		
	t	C'	d	e	F'	g	300		
-40~-20	-0.5	-0.3	0.5	0.7	1.4	2.0	290		
-20~0	-0.6	0.2	0.8	1.4	2.7	3.1	280		
0~20	-1.1	0.4	0.6	1.4	2.6	3.4			
20~40	-0.4	0.8	1.0	1.5	3.1	4.0	<b>Coloration Code</b>		
40~60	-0.4	0.9	1.4	1.7	3.8	5.4	$\lambda_{80}/\lambda_5$	43/37	
60~80	-0.3	0.9	2.1	3.2	4.6	5.9			