

<b>D-ZLaF81</b>	<b>809410</b>	$n_d = 1.80880$	$\nu_d = 41.00$	$n_F - n_c = 0.019727$
		$n_e = 1.81348$	$\nu_e = 40.71$	$n_{F'} - n_{c'} = 0.019980$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance			
	$\lambda$ (nm)		$P_{d,c}$	0.2973	$P'_{d,c'}$	0.2476	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm	
$n_t$	1014.0	1.78831	$P_{e,d}$	0.2372	$P'_{e,d}$	0.2342	2400	0.87	0.76	
$n_r$	706.5	1.79967	$P_{g,F}$	0.5694	$P'_{g,F'}$	0.5036	2200	0.967	0.934	
$n_c$	656.3	1.80294	Chemical Properties				2000	0.987	0.974	
$n_{c'}$	643.8	1.80385			Grade		1800	0.998	0.996	
$n_{He-Ne}$	632.8	1.80472	RC(S)		1		1600	0.999	0.998	
$n_D$	589.3	1.80863	RA(S)		3		1400	0.999	0.998	
$n_d$	587.6	1.80880	D <sub>W</sub>		1		1200	0.999	0.998	
$n_e$	546.1	1.81348	D <sub>A</sub>		6		1060	0.999	0.998	
$n_{F'}$	486.1	1.82266	Thermal Properties				1000	0.999	0.998	
$n_{F'}$	480.0	1.82383	T <sub>g</sub> (°C)		546		950	0.999	0.998	
$n_g$	435.8	1.83389	T <sub>s</sub> (°C)		584		900	0.999	0.998	
$n_h$	404.7	1.84352	T <sub>10</sub> <sup>14.5</sup> (°C)		508		850	0.999	0.998	
$n_i$	365.0	1.86050	T <sub>10</sub> <sup>13</sup> (°C)		539		800	0.999	0.998	
Constants of Dispersion Formula			T <sub>10</sub> <sup>7.6</sup> (°C)		640		700	0.999	0.998	
A <sub>0</sub>	3.1745656		$\alpha_{20/120^\circ C}(10^{-7}/K)$		67		650	0.999	0.998	
A <sub>1</sub>	$-9.8395711 \times 10^{-3}$		$\alpha_{100/300^\circ C}(10^{-7}/K)$		81		600	0.999	0.998	
A <sub>2</sub>	$3.4884391 \times 10^{-2}$		$\lambda$ (W/m · K)				550	0.999	0.998	
A <sub>3</sub>	$-5.2006433 \times 10^{-4}$		Mechanical Properties				500	0.996	0.992	
A <sub>4</sub>	$1.7902813 \times 10^{-4}$		H <sub>K</sub> (10 <sup>7</sup> Pa)		668		480	0.994	0.988	
A <sub>5</sub>	$-6.3116821 \times 10^{-6}$		F <sub>A</sub>				460	0.991	0.982	
Deviation of Relative Partial Dispersions $\Delta P$ from the "Normal Line"			E (10 <sup>7</sup> Pa)		11405		440	0.987	0.975	
$\Delta P_{F,e}$	-0.0017		G (10 <sup>7</sup> Pa)		4433		420	0.982	0.965	
$\Delta P_{g,F}$	-0.0065		$\mu$		0.286		400	0.971	0.942	
			B (10 <sup>-12</sup> /Pa)				390	0.958	0.919	
			Other Properties				380	0.936	0.877	
			$\rho$ (g/cm <sup>3</sup> )		4.55		370	0.89	0.80	
Temperature Coefficients of Refractive Index										
Rang of Temperature		dn/dt relative(10 <sup>-6</sup> /°C)						360	0.80	0.65
		t	C'	d	e	F'	g	350	0.62	0.38
-40~-20		6.0	6.4	7.5	7.6	8.0	9.2	340	0.28	0.08
-20~0		4.9	5.8	6.4	6.7	7.3	8.7	330		
0~20		5.5	6.0	6.4	6.7	7.3	8.6	320		
20~40		5.4	6.3	6.5	6.7	7.7	8.6	310		
40~60		5.7	6.7	6.9	7.7	8.2	9.3	300		
60~80		6.2	7.1	7.5	8.1	8.8	9.7	290		
			Coloration Code							
			$\lambda_{80}/\lambda_5$		40/34					