

<b>QF1</b>	<b>548459</b>	$n_d = 1.54811$	$v_d = 45.87$	$n_F - n_C = 0.011950$
		$n_e = 1.55094$	$v_e = 45.57$	$n_{F'} - n_{C'} = 0.012090$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.2983	$P'_{d,c'}$	0.2483	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0		$P_{e,d}$	0.2370	$P'_{e,d}$	0.2342	2400	0.88	0.77
$n_r$	706.5	1.54255	$P_{g,F}$	0.5689	$P'_{g,F'}$	0.5041	2200	0.909	0.827
$n_c$	656.3	1.54454					2000	0.955	0.912
$n_{c'}$	643.8	1.54510	<b>Chemical Properties</b>				1800	0.981	0.962
$n_{He-Ne}$	632.8	1.54563	Grade				1600	0.996	0.993
$n_D$	589.3	1.54800	RC(S)		3		1400	0.998	0.997
$n_d$	587.6	1.54811	RA(S)		1		1200	0.999	0.998
$n_e$	546.1	1.55094	D <sub>W</sub>		1		1060	0.999	0.998
$n_F$	486.1	1.55649	D <sub>A</sub>		1		1000	0.998	0.997
$n_{F'}$	480.0	1.55719					950	0.997	0.995
$n_g$	435.8	1.56329	<b>Thermal Properties</b>				900	0.997	0.994
$n_h$	404.7	1.56911	T <sub>g</sub> (°C)		444		850	0.997	0.995
$n_i$	365.0	1.57931	T <sub>s</sub> (°C)		518		800	0.997	0.994
			T <sub>10</sub> <sup>14.5</sup> (°C)		384		700	0.997	0.994
			T <sub>10</sub> <sup>13</sup> (°C)		430		650	0.997	0.994
			T <sub>10</sub> <sup>7.6</sup> (°C)				600	0.997	0.994
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		80		550	0.997	0.994
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		93		500	0.996	0.993
			$\lambda$ (W/m · K)				480	0.996	0.992
							460	0.995	0.991
			<b>Mechanical Properties</b>				440	0.995	0.990
			H <sub>K</sub> (10 <sup>7</sup> Pa)		342		420	0.995	0.990
			F <sub>A</sub>		83		400	0.995	0.990
			E (10 <sup>7</sup> Pa)		6112		390	0.994	0.988
			G (10 <sup>7</sup> Pa)		2530		380	0.991	0.983
			$\mu$		0.208		370	0.991	0.982
			B (10 <sup>-12</sup> /Pa)				360	0.988	0.976
							350	0.981	0.962
			<b>Other Properties</b>				340	0.962	0.925
			$\rho$ (g/cm <sup>3</sup> )		2.94		330	0.910	0.828
							320	0.75	0.56
							310	0.35	0.12
							300		
							290		
							280		
							<b>Coloration Code</b>		
							$\lambda_{80}/\lambda_5$	33/31	
Constants of Dispersion Formula									
A <sub>0</sub>	2.3504951								
A <sub>1</sub>	$-8.6857021 \times 10^{-3}$								
A <sub>2</sub>	$1.6092857 \times 10^{-2}$								
A <sub>3</sub>	$1.8705912 \times 10^{-4}$								
A <sub>4</sub>	$4.2149581 \times 10^{-5}$								
A <sub>5</sub>	$-1.3216062 \times 10^{-6}$								
Deviation of Relative Partial Dispersions $\Delta P$ from the "Normal Line"									
$\Delta P_{F,e}$	0.0001								
$\Delta P_{g,F}$	0.0013								
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative(10 <sup>-6</sup> /°C)								
	t	C'	d	e	F'	g			
-40~-20									
-20~0									
0~20									
20~40									
40~60									
60~80									