

<b>H-FK71</b>	<b>457903</b>	$n_d = 1.45650$	$\nu_d = 90.27$	$n_F - n_c = 0.005057$
		$n_e = 1.45771$	$\nu_e = 89.84$	$n_{F'} - n_{c'} = 0.005095$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.3065	$P'_{d,c'}$	0.2552	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0	1.45072	$P_{e,d}$	0.2393	$P'_{e,d}$	0.2374	2400	0.996	0.992
$n_r$	706.5	1.45406	$P_{g,F}$	0.5317	$P'_{g,F'}$	0.4728	2200	0.996	0.992
$n_c$	656.3	1.45495					2000	0.997	0.995
$n_{c'}$	643.8	1.45520	<b>Chemical Properties</b>				1800	0.998	0.997
$n_{He-Ne}$	632.8	1.45543			Grade		1600	0.998	0.996
$n_D$	589.3	1.45645	RC(S)		1		1400	0.998	0.997
$n_d$	587.6	1.45650	RA(S)		2		1200	0.997	0.995
$n_e$	546.1	1.45771	D <sub>W</sub>		1		1060	0.996	0.993
$n_F$	486.1	1.46001	D <sub>A</sub>		2		1000	0.996	0.992
$n_{F'}$	480.0	1.46029					950	0.996	0.992
$n_g$	435.8	1.46270	<b>Thermal Properties</b>				900	0.996	0.992
$n_h$	404.7	1.46492	T <sub>g</sub> (°C)		443		850	0.996	0.992
$n_i$	365.0	1.46864	T <sub>s</sub> (°C)		468		800	0.997	0.995
			T <sub>10</sub> <sup>14.5</sup> (°C)		409		700	0.997	0.995
			T <sub>10</sub> <sup>13</sup> (°C)		435		650	0.997	0.995
			T <sub>10</sub> <sup>7.6</sup> (°C)		505		600	0.998	0.997
			$\alpha_{20/120^\circ\text{C}}(10^{-7}/\text{K})$		141		550	0.999	0.999
			$\alpha_{100/300^\circ\text{C}}(10^{-7}/\text{K})$		167		500	0.999	0.999
			$\lambda$ (W/m · K)				480	0.999	0.998
							460	0.999	0.998
			<b>Mechanical Properties</b>				440	0.997	0.995
			H <sub>K</sub> (10 <sup>7</sup> Pa)				420	0.997	0.995
			F <sub>A</sub>		325		400	0.999	0.998
			E (10 <sup>7</sup> Pa)		6960		390	0.998	0.997
			G (10 <sup>7</sup> Pa)		2675		380	0.998	0.997
			$\mu$		0.301		370	0.997	0.995
			B (10 <sup>-12</sup> /Pa)		0.61		360	0.993	0.986
							350	0.983	0.967
			<b>Other Properties</b>				340	0.962	0.925
			$\rho$ (g/cm <sup>3</sup> )		3.63		330	0.917	0.841
							320	0.834	0.695
							310	0.699	0.488
							300	0.516	0.266
							290	0.324	0.105
							280	0.176	0.031
							<b>Coloration Code</b>		
							$\lambda_{80}/\lambda_5$	33/29	
Constants of Dispersion Formula									
A <sub>0</sub>	2.1032490								
A <sub>1</sub>	$-5.0247988 \times 10^{-3}$								
A <sub>2</sub>	$6.5323077 \times 10^{-3}$								
A <sub>3</sub>	$1.3078405 \times 10^{-4}$								
A <sub>4</sub>	$-6.3652072 \times 10^{-6}$								
A <sub>5</sub>	$1.9254745 \times 10^{-7}$								
Deviation of Relative Partial Dispersions $\Delta P$ from the "Normal Line"									
$\Delta P_{F,e}$	0.0143								
$\Delta P_{g,F}$	0.0398								
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative(10 <sup>-6</sup> /°C)								
	t	C'	d	e	F'	g			
-40~-20	-5.9	-5.8	-5.6	-5.5	-5.3	-5.2			
-20~0	-6.3	-5.9	-6.1	-6.1	-5.7	-5.7			
0~20	-6.6	-6.4	-6.3	-6.3	-6.2	-6.1			
20~40	-7.0	-6.7	-6.5	-6.5	-6.5	-6.4			
40~60	-7.0	-6.9	6.8	-6.8	-6.8	-6.4			
60~80	-7.0	-7.1	-6.9	-6.8	-6.5	-6.4			