

H-FK61	497816	$n_d = 1.49700$	$\nu_d = 81.61$	$n_F - n_C = 0.006090$
		$n_e = 1.49845$	$\nu_e = 81.20$	$n_{F'} - n_{C'} = 0.006139$

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.49010
n_r	706.5	1.49407
n_c	656.3	1.49513
$n_{c'}$	643.8	1.49543
n_{He-Ne}	632.8	1.49571
n_D	589.3	1.49694
n_d	587.6	1.49700
n_e	546.1	1.49845
n_F	486.1	1.50123
$n_{F'}$	480.0	1.50157
n_g	435.8	1.50449
n_h	404.7	1.50719
n_i	365.0	1.51173

Constants of Dispersion Formula	
A_0	2.2166735
A_1	$-4.9399166 \times 10^{-3}$
A_2	9.1500473×10^{-3}
A_3	$-1.2667557 \times 10^{-4}$
A_4	2.8243403×10^{-5}
A_5	$-1.3151781 \times 10^{-6}$

Deviation of Relative Partial Dispersions ΔP from the "Normal Line"	
$\Delta P_{F,e}$	0.0108
$\Delta P_{g,F}$	0.0287

Temperature Coefficients of Refractive Index						
Rang of Temperature	dn/dt relative($10^{-6}/^{\circ}C$)					
	t	C'	d	e	F'	g
-40~-20	-6.3	-6.2	-6.0	-6.0	-5.9	-5.6
-20~0	-6.5	-6.4	-6.3	-6.3	-5.9	-5.9
0~20	-6.6	-6.6	-6.5	-6.5	-6.2	-6.1
20~40	-6.8	-6.7	-6.6	-6.6	-6.4	-6.3
40~60	-7.0	-6.6	-6.6	-6.6	-6.5	-6.3
60~80	-7.1	-6.8	-6.8	-6.8	-6.7	-6.5

Relative Partial Dispersions			
$P_{d,c}$	0.3054	$P'_{d,c'}$	0.2547
$P_{e,d}$	0.2386	$P'_{e,d}$	0.2368
$P_{g,F}$	0.5355	$P'_{g,F'}$	0.4758

Chemical Properties	
	Grade
RC(S)	1
RA(S)	3
D_W	1
D_A	5

Thermal Properties	
T_g ($^{\circ}C$)	461
T_s ($^{\circ}C$)	486
$T_{10}^{14.5}$ ($^{\circ}C$)	420
T_{10}^{13} ($^{\circ}C$)	452
$T_{10}^{7.6}$ ($^{\circ}C$)	
$\alpha_{20/120^{\circ}C}$ ($10^{-7}/K$)	141
$\alpha_{100/300^{\circ}C}$ ($10^{-7}/K$)	157
λ (W/m \cdot K)	

Mechanical Properties	
H_K ($10^7 Pa$)	372
F_A	343
E ($10^7 Pa$)	7007
G ($10^7 Pa$)	2694
μ	0.300
B ($10^{-12}/Pa$)	

Other Properties	
ρ (g/cm^3)	3.70

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.999	0.999
2200	0.999	0.999
2000	0.999	0.999
1800	0.999	0.999
1600	0.999	0.999
1400	0.999	0.999
1200	0.999	0.999
1060	0.999	0.999
1000	0.999	0.999
950	0.999	0.999
900	0.999	0.999
850	0.999	0.999
800	0.999	0.998
700	0.999	0.998
650	0.999	0.998
600	0.999	0.998
550	0.999	0.998
500	0.999	0.998
480	0.999	0.998
460	0.999	0.998
440	0.998	0.996
420	0.998	0.997
400	0.998	0.996
390	0.997	0.995
380	0.997	0.994
370	0.994	0.989
360	0.991	0.982
350	0.979	0.959
340	0.957	0.915
330	0.913	0.834
320	0.830	0.689
310	0.692	0.479
300	0.499	0.249
290	0.286	0.082
280		

Coloration Code	
λ_{80}/λ_5	33/29