

D-K9GT			516641			n _d = 1.516330		ν _d = 64.06		n _F - n _C = 0.008060	
						n _e = 1.518254		ν _e = 63.86		n _F ' - n _C ' = 0.008115	
折射率 Refractive Index*			相对部分色散 Relative Partial Dispersions				内部透过率 Internal Transmittance τ				
	λ (nm)		P _{s,t}	0.3128	P' _{s,t}	0.3107	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.488293	P _{C,s}	0.5635	P' _{C',s}	0.6087	2400	0.911	0.829		
n _{1970.09}	1970.09	1.494167	P _{d,C}	0.3081	P' _{d,C'}	0.2569	2200	0.940	0.884		
n _{1529.58}	1529.58	1.500265	P _{e,d}	0.2387	P' _{e,d}	0.2371	2000	0.987	0.974		
n _{1060.0}	1060.0	1.506155	P _{g,F}	0.5339	P' _{g,F'}	0.4744	1800	0.993	0.987		
n _t	1013.98	1.506784	P _{i,h}	0.7444	P' _{i,h}	0.7394	1600	0.997	0.993		
n _s	852.11	1.509305	异常色散 Abnormal Dispersions				1400	0.988	0.977		
n _r	706.52	1.512413					ΔP _{C,t}	0.0282	ΔP _{C,s}	0.0103	1200
n _C	656.27	1.513847	ΔP _{F,e}	-0.0015	ΔP _{g,F}	-0.0027	1060	0.999	0.998		
n _{C'}	643.85	1.514245	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.514616					λ ₈₀ /λ _s	310/270		950	0.999
n _D	589.29	1.516258	λ ₇₀ /λ _s			900	0.999	0.998			
n _d	587.56	1.516330	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.518254					T _g (°C)	496		800	0.999
n _F	486.13	1.521907	T _s (°C)	558		700	0.999	0.998			
n _{F'}	479.99	1.522360	T ₁₀ ^{14.5} (°C)	451		650	0.999	0.998			
n _g	435.83	1.526210	T ₁₀ ¹³ (°C)	483		600	0.999	0.998			
n _h	404.66	1.529756	T ₁₀ ^{7.6} (°C)	637		550	0.999	0.998			
n _i	365.01	1.535756	α _{30/70°C} (10 ⁻⁷ /K)	63		500	0.999	0.998			
n _{313.18}	313.18	1.547811	α _{100/300°C} (10 ⁻⁷ /K)	78		480	0.999	0.998			
n _{302.15}	302.15	1.551348	λ[W/(m·K)]	1.018		460	0.999	0.998			
色散公式常数 Constants of Dispersion Formula			c _p [J/(g·K)]	0.813		440	0.999	0.998			
			化学性质 Chemical Properties				Grade	390	0.998	0.996	
K ₁	5.67853792E-01						D _w	1		380	0.996
L ₁	2.38581579E-03		D _A	2		370	0.995	0.990			
K ₂	7.02269689E-01		CR	1		360	0.993	0.986			
L ₂	1.35348332E-02		RC(S)	1		350	0.990	0.981			
K ₃	1.08102455E+00		RA(S)	2		340	0.987	0.975			
L ₃	1.07748228E+02		机械性质 Mechanical Properties				330	0.980	0.961		
折射率温度系数常数 Constants of dn/dt							H _K (10 ⁷ Pa)	492		320	0.964
			D ₀	4.87E-06		F _A	72		310	0.931	0.866
D ₁	1.55E-08		E (10 ⁷ Pa)	8318		300	0.859	0.738			
D ₂	-1.35E-11		G (10 ⁷ Pa)	3430		290	0.717	0.514			
E ₀	4.17E-07		μ	0.212		280	0.483	0.233			
E ₁	5.20E-10		B (10 ⁻¹² /Pa)	2.72		其他性质 Other Properties					
λ _{TK} (μm)	0.177		ρ (g/cm ³)	2.41							
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)				备注 Remarks				
温度范围 (°C)											
Range of Temperature	t	C'	d	e	F'	g					
-60~-40	3.7	4.0	4.1	4.2	4.4	4.6					
-40~-20	3.5	3.8	3.9	4.0	4.2	4.5					
-20~0	3.6	3.8	3.9	4.0	4.2	4.6					
0~20	3.6	3.9	4.0	4.1	4.3	4.7					
20~40	3.7	4.0	4.1	4.3	4.5	4.8					
40~60	3.8	4.1	4.2	4.5	4.6	4.9					
60~80	3.8	4.2	4.3	4.5	4.8	5.0					
80~100	3.9	4.4	4.5	4.7	5.0	5.3					
100~120	4.1	4.5	4.6	4.7	5.1	5.5					
120~140	4.3	4.7	4.8	4.9	5.3	5.6					