

H-QF50			581409			n _d = 1.581440		v _d = 40.89		n _F - n _C = 0.014220	
						n _e = 1.584811		v _e = 40.61		n _{F'} - n _{C'} = 0.014401	
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透射率 Internal Transmittance T				
	λ (nm)		P _{s,t}	0.2473	P' _{s,t}	0.2441	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.547454	P _{C,s}	0.5020	P' _{C',s}	0.5417	2400	0.920	0.846		
n _{1970.09}	1970.09	1.553005	P _{d,C}	0.2959	P' _{d,C'}	0.2462	2200	0.935	0.874		
n _{1529.58}	1529.58	1.559046	P _{e,d}	0.2371	P' _{e,d}	0.2341	2000	0.972	0.944		
n _{1060.0}	1060.0	1.565760	P _{g,F}	0.5774	P' _{g,F'}	0.5116	1800	0.987	0.974		
n _t	1013.98	1.566578	P _{i,h}	0.9018	P' _{i,h}	0.8905	1600	0.996	0.992		
n _s	852.11	1.570094	异常色散 Abnormal Dispersions				1400	0.997	0.995		
n _r	706.52	1.574888					ΔP _{C,t}	0.0104	ΔP _{C,s}	0.0036	1200
n _C	656.27	1.577233	ΔP _{F,e}	-0.0002	ΔP _{g,F}	0.0013	1060	0.999	0.998		
n _{C'}	643.85	1.577895	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.578517					λ ₈₀ /λ ₅	380/350		950	0.999
n _D	589.29	1.581315	λ ₇₀ /λ ₅			900	0.999	0.998			
n _d	587.56	1.581440	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.584811					T _g (°C)	573		800	0.999
n _F	486.13	1.591453	T _s (°C)	626		700	0.998	0.997			
n _{F'}	479.99	1.592296	T ₁₀ ^{14.5} (°C)	511		650	0.997	0.995			
n _g	435.83	1.599663	T ₁₀ ¹³ (°C)	551		600	0.997	0.994			
n _h	404.66	1.606767	T ₁₀ ^{7.6} (°C)	720		550	0.997	0.994			
n _i	365.01	1.619591	α _{30/70°C} (10 ⁻⁷ /K)	77		500	0.994	0.989			
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	99		480	0.993	0.986			
n _{302.15}	302.15		λ[W/(m·K)]			460	0.991	0.983			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.990	0.980		
							K ₁	1.29450546E+00		Grade	
折射率温度系数常数 Constants of dn/dt			Grade				400	0.975	0.950		
							D ₀	4.05E-07		D _w	
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)				380	0.794	0.630		
							温度范围 (°C)		t		C'
Range of Temperature											
-60~-40											
-40~-20	2.5	2.9	3.0	3.4	3.8	4.3					
-20~0	2.2	2.6	2.7	3.1	3.5	4.1					
0~20	2.1	2.5	2.6	2.7	3.5	3.9					
20~40	1.8	2.5	2.7	2.9	3.5	4.3					
40~60	1.8	2.5	2.7	2.9	3.6	4.4					
60~80	1.6	2.5	2.9	3.1	3.7	5.0					
80~100											
100~120											
120~140											
			机械性质 Mechanical Properties				H _k (10 ⁷ Pa)	482			
							F _A	91			
							E (10 ⁷ Pa)	7673			
							G (10 ⁷ Pa)	3132			
							μ	0.255			
							B (10 ⁻¹² /Pa)				
							其他性质 Other Properties				
							ρ (g/cm ³)	2.60			
							备注 Remarks				