

H-ZF52GT		847238		n _d = 1.846660		ν _d = 23.78		n _F - n _C = 0.035597	
				n _e = 1.855037		ν _e = 23.60		n _F ' - n _C ' = 0.036238	
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}	0.2039	P' _{s,t}	0.2003	λ (nm)	τ (5mm)	τ (10mm)
n _{2325.42}	2325.42	1.785225	P _{C,s}	0.4568	P' _{C',s}	0.4922	2400	0.938	0.879
n _{1970.09}	1970.09	1.792032	P _{d,C}	0.2855	P' _{d,C'}	0.2370	2200	0.966	0.933
n _{1529.58}	1529.58	1.800181	P _{e,d}	0.2353	P' _{e,d}	0.2312	2000	0.981	0.962
n _{1060.0}	1060.0	1.811397	P _{g,F}	0.6207	P' _{g,F'}	0.5485	1800	0.988	0.977
n _t	1013.98	1.812979	P _{i,h}		P' _{i,h}		1600	0.995	0.991
n _s	852.11	1.820237	异常色散 Abnormal Dispersions				1400	0.997	0.995
n _r	706.52	1.830994	ΔP _{C,t}	0.0023	ΔP _{C,s}	-0.0012	1200	0.999	0.998
n _C	656.27	1.836496	ΔP _{F,e}	0.0026	ΔP _{g,F}	0.0155	1060	0.998	0.997
n _{C'}	643.85	1.838073	着色度 Color Code				1000	0.998	0.997
n _{He-Ne}	632.8	1.839561	λ ₈₀ /λ _s				950	0.998	0.997
n _D	589.29	1.846354	λ ₇₀ /λ _s		403/370		900	0.998	0.997
n _d	587.56	1.846660	热性质 Thermal Properties				850	0.998	0.997
n _e	546.07	1.855037	T _g (°C)		626		800	0.997	0.994
n _F	486.13	1.872093	T _s (°C)		653		700	0.996	0.993
n _{F'}	479.99	1.874311	T ₁₀ ^{14.5} (°C)		572		650	0.996	0.992
n _g	435.83	1.894189	T ₁₀ ¹³ (°C)		605		600	0.995	0.991
n _h	404.66	1.914282	T ₁₀ ^{7.6} (°C)		711		550	0.993	0.987
n _i	365.01		α _{30/70°C} (10 ⁻⁷ /K)		88		500	0.988	0.977
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)		108		480	0.986	0.972
n _{302.15}	302.15		λ[W/(m·K)]		0.796		460	0.982	0.964
色散公式常数 Constants of Dispersion Formula			c _p [J/(g·K)]		0.554		440	0.975	0.950
K ₁	4.09982615E-01		化学性质 Chemical Properties				420	0.960	0.922
L ₁	6.21421199E-02		Grade				400	0.911	0.830
K ₂	2.37517176E+00		D _w		1		390	0.848	0.719
L ₂	1.85055134E+02		D _A		1		380	0.668	0.446
K ₃	1.83913582E+00		CR		1		370	0.300	0.090
L ₃	1.36093459E-02		RC(S)		2		360		
折射率温度系数常数 Constants of dn/dt			RA(S)		1		350		
D ₀	-6.18E-06		机械性质 Mechanical Properties				340		
D ₁	1.63E-08		H _K (10 ⁷ Pa)		555		330		
D ₂	-4.50E-11		F _A		185		320		
E ₀	1.12E-06		E (10 ⁷ Pa)		9478		310		
E ₁	1.19E-09		G (10 ⁷ Pa)		3742		300		
λ _{TK} (μm)	0.291		μ		0.266		290		
折射率温度系数 Temperature Coefficients of Refractive Index			B (10 ⁻¹² /Pa)		2.71		280		
温度范围 (°C)		dn/dt relative(10⁻⁶/°C)		其他性质 Other Properties					
Range of Temperature		t	C'	d	e	F'	g	ρ (g/cm ³)	
-60~-40		-2.1	-0.7	-0.3	0.1	1.6	3.1	3.51	
-40~-20		-2.0	-0.7	-0.1	0.4	1.9	3.3	备注 Remarks	
-20~0		-1.9	-0.5	0.0	0.6	2.0	4.1		
0~20		-1.9	-0.4	0.1	0.7	2.5	4.5		
20~40		-1.4	0.1	0.6	1.5	3.0	5.2		
40~60		-1.1	0.3	1.0	1.8	3.4	5.5		
60~80		-1.0	0.6	1.0	2.0	3.5	5.8		
80~100		-0.9	0.6	1.2	2.1	3.9	6.4		
100~120		-0.9	0.7	1.4	2.1	4.1	7.0		
120~140		-0.8	0.7	1.5	2.2	4.5	7.3		