

H-ZK7			613606			n _d = 1.61309			v _d = 60.58			n _F − n _C = 0.010120											
						n _e = 1.61551			v _e = 60.34			n _{F'} − n _{C'} = 0.010201											
Refractive Indices						Relative Partial Dispersion				Chemical Properties (grade)				Internal Transmittance									
		λ (nm)		n _λ						RC (S)		1		λ (nm)		τ5mm		τ10mm					
n ₂₃₂₅		2325.42		1.58169						P _{d,C}		0.3043		2400		0.841		0.707					
n ₁₉₇₀		1970.09		1.58773						P _{e,d}		0.2391		2200		0.925		0.857					
n ₁₅₃₀		1529.58		1.59423						P _{g,F}		0.5405		2000		0.981		0.963					
n ₁₁₂₉		1128.64		1.59978						P' _{d,c'}		0.2539		1800		0.992		0.986					
n ₁₀₆₄		1064.00		1.60074		P' _{e,d}		0.2372		1600		0.999		0.998									
n _t		1013.98		1.60153		P' _{g,F'}		0.4803		1400		0.999		0.998									
n _s		852.11		1.60449		Deviation of Relative Partial Dispersions				Expansion Coefficient α (×10 ⁻⁷ /K)				1200		0.999		0.998					
n _{A'}		768.19		1.60646										1060		0.999		0.998					
n _r		706.52		1.60824										1000		0.999		0.998					
n _C		656.27		1.61001										950		0.999		0.998					
n _{C'}		643.85		1.61050										900		0.999		0.998					
n _{He-Ne}		632.80		1.61096										850		0.999		0.998					
n _D		589.29		1.61300		Thermal Properties				-50/-40				800		0.999		0.998					
n _d		587.56		1.61309										750		0.999		0.998					
n _e		546.07		1.61551										700		0.999		0.998					
n _F		486.13		1.62013										650		0.999		0.998					
n _{F'}		479.99		1.62070										600		0.999		0.998					
n _g		435.84		1.62560										550		0.999		0.998					
n _h		404.66		1.63013		Mechanical Properties				-40/-30				500		0.999		0.998					
n _i		365.01		1.63783										480		0.999		0.998					
														460		0.999		0.998					
														440		0.999		0.998					
														420		0.999		0.998					
														400		0.999		0.994					
Constants of Dispersion Formula						Thermal Properties				-30/-20				390		0.999		0.989					
A ₀		2.56343719E+00												80/90		64		380		0.994		0.979	
A ₁		-1.18778982E-02												90/100		64		370		0.985		0.966	
A ₂		1.36592937E-02												100/110		65		360		0.970		0.935	
A ₃		4.36395177E-04												110/120		65		350		0.939		0.877	
A ₄		-2.37642691E-05												120/130		66		340		0.889		0.784	
A ₅		1.12532867E-06				130/140		68		330		0.807		0.650									
						Mechanical Properties				-20/-10				320		0.689		0.472					
														140/150		69		310		0.529		0.280	
														150/160		71		300		0.348		0.123	
																		290		0.181		0.037	
																		280					