IRG206	Se60As40

$n_{10.6}$= 2.7764	$\upsilon_{10.6}$= 137.71	n_{8000}-n_{12500}= 0.01290

Refractive Indices		
n	2000	2.8197
n	3000	2.8015
n	4000	2.7947
n	5000	2.7909
n	6000	2.7880
n	7000	2.7856
n	8000	2.7832
n	9000	2.7807
n	10000	2.7781
n	11000	2.7752
n	12000	2.7720
n	12500	2.7703
n	13000	2.7685
n	14000	2.7646

Constants of Dispersion Formula	
A	2.7890145E+00
B	1.2022832E-01
C	1.4096806E-02
D	-1.1959367E-04
E	3.8785934E-09
F	-2.3183781E-10

Other Properties	
ρ（g/cm^3）	4.63
εr	

Chemical Properties (grade)	
RC(S)	1
RA(S)	1
Dw	1
DA	1

Thermal Properties	
Tg(℃)	180
Ts(℃)	217
$\alpha_{-40/55℃}$(10^{-7}/K)	205
$\alpha_{20/120℃}$(10^{-7}/K)	213
Cp(J/gK)	0.24

Mechanical Properties	
H_K(20℃，kgf /mm^2)	118
E(GPa)	18.4
G(GPa)	7.1
μ	0.3

Temperature Coefficients of Refractive Index		
Temperature (℃)	λ(nm)	dn/dt relative (10^{-6} / ℃)
-40～80	1500	51
-40～80	2000	42
-40～80	3000	37
-40～80	5000～14000	34

Transmittance	
λ(nm)	τ(2mm)
20000	0.005
19000	0.070
18000	0.385
17000	0.525
16000	0.558
15000	0.550
14000	0.570
13000	0.618
12000	0.638
11000	0.645
10000	0.646
9500	0.645
9000	0.644
8500	0.645
8000	0.645
7500	0.644
7000	0.643
6500	0.641
6000	0.643
5500	0.643
5000	0.642
4500	0.641
4000	0.641
3500	0.638
3000	0.635
2500	0.635
2000	0.632
1500	0.625
1000	0.604
800	0.049
600	
400	
200	

红外透过率（2mm）