



Typical cost drivers and tolerance limits for injection molded optics ≤25.4mm diameter

Attribute	Low<-----Cost----->High	
Focal length (%)	±5	±2
Radius of Curvature (%)	±3-5	±2-3
Power (fringes)	10	5
Irregularity (fringes/10mm)	4	2
Scratch/Dig	80/50	60/40
Center thickness (mm)	±0.1	±0.05
Flange diameter (mm)	±0.1	±0.05
Concentricity (mm)	0.1	0.05
Center to edge thickness ratio	1:1	3:1
Surface roughness (Å _{RMS})	>75	>60