

DATA SHEET

GERMANIUM POLYCRYSTALLINE

Products

Material Specifications

Purity	> 99.9999%
Crystal Structure	Monocrystalline & Polycrystalline
Conductive Type	N-type
Orientation	<111>
Typical Resistivity	5-40 Ohm-cm

(EMI grade of Ge, with a lower resistivity can be also provided according to your request)

Products Specifications

Shapes	Circular: flats, wedges, rods
	Rectangular: flats, wedges, rods
	Generated blanks: spherical lenses
	Special: prisms
Diameter	Φ5-Φ300 mm(mono)/380mm(poly)
Flatness	≤20μm
Perpendicularity	<5'
Bevel	0.2 ~ 1mm
Edge Chips	≤0.5mm
ETV	≤0.05mm
Tolerance	Diameter: +/-0.025mm
	Length & Width: +/-0.05 ~ +/-0.1mm
	Thickness: +/-0.025mm
Surface Quality:	Plano blanks: as cut
	Generated lenses: D25 ~ D76
	Polished windows: to customer