

CALCITE CRYSTALS [CaCO3]

Calcite is a natural crystal that has high birefringence and wide spectral transmission and available in reasonably sized rhombs. It is a negative uniaxial crystals and commonly used as visible and near IR polarizers.



Specification	
Diameter	max 30~40mm
Length	max 25~35mm
Surface Quality	20 / 10
Beam Deviation	< 3 arc min
Optical Axis Orientation	+/-0.5°
Flatness	$\lambda/4$ @632.8nm
Transmission Wavefront Distortion	$< \lambda/2$ @632.8nm
Angle Tolerance	$< \pm 0.5^\circ$
AR Coating	R<0.2% at 1064nm,HR coating:R>99.8% at 1064nm,T>95% at 808nm