

ZnO – Zinc oxide

MATERIAL PROPERTIES

Structure formula:	ZnO	
State:	monocrystalline	
Crystal structure:	hexagonal	$a = 3.252 \text{ \AA}$ $c = 5.213 \text{ \AA}$
Melting point:	1975°C	

SUBSTRATE PROPERTIES

Production method:	hydrothermal
Orientation:	(0001)
Orientation accuracy:	max. 30'; typ. < 20'
Standard size:	10mm x 10mm, 10mm x 5mm, thickness 0.4mm
max. diameter:	< Ø 1"
Tolerance of length:	±0 / ± 0.05mm
Polishing:	one side or both sides epi-polished

Other sizes and specifications on request.

