


LITAO₃: SLT/MGSLT

SLT(Stoichiometric LiTaO₃)
/MgSLT(MgO doped Stoichiometric LiTaO₃)

Sub-grain boundary-free stoichiometric LiTaO₃ crystals were successfully grown.

- Low defect density (100times lower)
- › Wide transparent region (UV cut-off 20nm lower)
- › Large EO and NLO constants (d₃₃ >26.2pm/V)
- › Small coercive field (<1~2kV/mm)
- › High photorefractive damage threshold (>5MW/cm²@532nm, cw laser)
- › High laser damage threshold (>2GW/cm²@1064nm, pulse laser)
- › There is almost no birefringence index
- › No GRIIRA (Green Induced IR Absorption)
- › Subgrain boundary-free stoichiometric LiTaO₃ crystals were successfully grown.
- › 

products:

MgSLT:Key Material for QPM Device

CHOOSE YOUR CATEGORY

- › Aluminum Nitride powder
- › Yttrium Vanadate (YVO₄) crystals
- › LiTaO₃: SLT/MgSLT
- › High Reflection Coating
- › Nd:YAG
- › Nd:GdVO₄
- › Nd:YVO₄
- › Cr⁴⁺:YAG
- › BBO/LiNbO₃ Crystal
- › LiNbO₃ Crystals
- › KTP Crystals
- › BBO

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CONSTANT STATE
OF MIND AT
HOBBITE."*



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