

CRYSTAL STANDARD QUALITY



Crystal ingots are assessed for quality after growth. The figures below represent the standard quality to be expected from normal material. Higher quality is available by special selection.

Material	Homogeneity	Strain Birefringence
BaF ₂	≤ Class 3 (≡ 2 – 5ppm) 100mm Ø	< 5nm/cm <111> 190mm Ø
CaF ₂	≤ Class 3 (≡ 2 – 5ppm) 100mm Ø	< 5nm/cm <111> 190mm Ø
LiF	≤ Class 3 (≡ 2 – 5ppm) 100mm Ø	< 5nm/cm <100> 190mm Ø
MgF ₂	≤ Class 3 (≡ 2 – 5ppm) ~50mm Ø	< 5nm/cm <001> 120mm Ø
Accuracy of Measurement:	<1ppm	1nm/mm

Measurements at 633nm

This data is for advice only. Crystran Ltd cannot be responsible for any damage caused as a result of using this data.

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CRYSTRAN LTD

1, Broom Road Business Park, Poole, BH12 4PA, UK
TEL: +44 (0)1202 307650 FAX +44 (0)1202 307651
Email: sales@crystran.co.uk www.crystran.co.uk
Registered in England No. 2863378 VAT GB619 6814 12