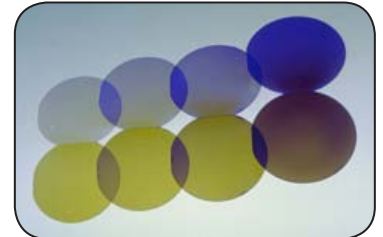


Magneto-Optics Garnet Wafers

Saint-Gobain Crystals has been growing garnets crystals and manufacturing high quality garnets substrates for more than 30 years. The polished surface of our substrates is of high quality and ready for epitaxy (“epi-ready”).



Products available			
	GGG	SGGG	NGG
Composition	$Gd_3Ga_5O_{12}$	Substituted GGG	$Nd_3Ga_5O_{12}$
Lattice parameter (at 20°C)	12.383 Å ± 0.001	12.497 Å ± 0.003	12.509 Å ± 0.001
Diameter	1", 2", 3" or 4"	1", 2", 3" or 4"	1" or 2"
Orientation	(111) (110) (100)	(111) (110) (100)	(111)
Thickness	> 450 microns		

Special configurations

- Any shape (square, rectangles, etc.) available on demand
- Other specific compositions could also be manufactured on demand





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