

Table 35B-5-001. $\text{KGaPO}_4\text{F}_{0.7}(\text{OH})_{0.3}$ and similar KTP-type crystals. Unit cell volume, SHG power relative to SiO_2 , synthetic method [89Phi].

Formula	Cell volume [\AA^3]	SHG	Synthetic method
NaGeOPO_4	759.9	4.0	solid state
KGeOPO_4	794.6	3.33	flux
$\text{K}_2\text{GaGeP}_2\text{O}_9(\text{F},\text{OH})$	834.4	10	hydrothermal (supercritical)
$\text{KGaPO}_4\text{F}_{0.7}(\text{OH})_{0.3}$	838.0	0.72	hydrothermal (supercritical)
KVOPO_4	853.2	opaque	flux
KFePO_4F	873.9	2.66	hydrothermal (subcritical)
$\text{K}_2\text{FeNb}(\text{PO}_5)_2$	896.3	1.0	hydrothermal (supercritical)
KSnOPO_4	920.6	0	solid state
RbSnOPO_4	945.8	0	solid state