

NAP Nd³⁺-doped phosphate glasses for high average power applications

NAP2 and NAP4 Nd³⁺: phosphate glasses are two types of new laser glass with high thermal shock resistance properties, which have higher thermal conductivity, lower coefficient of thermal expansion and modest emission cross section. The NAP2 and NAP4 glass can be used as active materials in laser systems with high repetition rates and high energy, which have broad applications in laser ranger, laser peening and pump laser for OPCPA systems. The glass can be customized with the maximum size of 400mm×400mm×70mm.

