Applications of Spark Plasma Sintering

• Introduction
• Spark Plasma Sintering (SPS)
• Transparent Lu-based Oxide Ceramics by SPS
• Lu2O3, Lu3Al5O12 (LuAG), Lu2Ti2O7, Lu3NbO7, Lu2Hf2O7
• Non-Oxide High-Temperature Ceramic Composite by SPS
• Carbide-Boride Eutectic Composite (SiC-ZrB2)
• Covalent Bond Ceramic Composite by SPS
• cBN-Based Composites
• Summary