

## NITRIDE POWDERS

Panadyne offers both Silicon Nitride and Hexagonal Boron Nitride powders. Due to the lattice structure of the powders, Silicon Nitride is often used as a cutting material and in hard coatings. Hexagonal Boron Nitride is often used as a high-temperature lubricant or Mold Release Agent.



## TYPICAL APPLICATIONS

Lubricant	Refractory
Mold Release Agent	Cutting Tools
Thermally Conductive Filler	Highly Stressed Parts

## TYPICAL PROPERTIES

High Strength
High Hardness
Wear-Resistance
Lubricious
High Thermal Conductivity
Chemical Inertness

