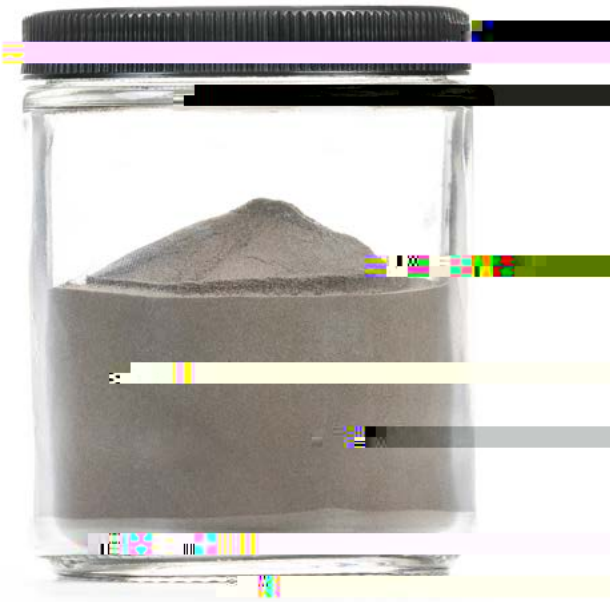
Jabil PK 5000 Powder



PRODUCT DESCRIPTION

Jabil's PolyKetone is formulated to reduce carbon footprint significantly as compared to similar highly engineered polymers.

Produced using carbon monoxide and olefins, PK 5000 achieves an ideal balance among essential mechanical characteristics, yielding a polymer renowned for its strength, toughness, and flexibility.

PolyKetone is a resilient polymer that performs well in applications where low friction and wear resistance are paramount. With very good elongation and excellent impact strength, mechanical performance remains stable through a variety of environmental conditions with little to no laser window occlusion in full-stroke builds.

ADVANTAGES

In addition to a wide processing window, other advantages include:

- Low temperature impact strength
- Excellent chemical resistance and barrier properties
- Improved wear and friction over polyamides
- Low toxicity
- Low carbon footprint
- Best ductility available
- Strength at high temperatures

STORAGE AND USE

- PK 5000 must be processed in an inert environment.
- Recommend storing material in a closed container in a dry environment.

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MECHANICAL PROPERTIES

OTHER PHYSICAL PROPERTIES

	Ambient	Dark Grey

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