



Alfa Aesar
A Johnson Matthey Company

AVOCADO
ORGANICS

Lancaster
SYNTHESIS

Metal and Alloy Nanopowders 金属与合金纳米粉末

Alfa Aesar has recently introduced a new line of nanopowders. This new product family consists of the following categories:

Alfa Aesar引进了纳米粉末的新产品线，新产品家族包括以下分类：

Elemental, metallic and semi metallic NanoMetals

NanoAlloys

Nitride nanopowders

Ceramic nanopowders

纳米金属，包含纯元素，金属以及半金属

纳米合金

氮化纳米粉末

陶瓷纳米粉末

Some of the characteristics of these products that differentiate them from the competition are: 这些产品与其它同类产品相比，有以下更有竞争力的性质：

Smaller Particle Sizes (typically < 50nm)

Tighter Particle Size Distribution (typically \pm 10nm)

No, or soft agglomeration

Large Surface Area (typically > 30 m²/g)

Controlled Surface Layer Formation (oxide or no oxide)

Available for virtually any inorganic element

更小的粒径(通常小于50纳米)

更窄的粒径分布范围(通常在 \pm 10纳米范围内)

无团聚或仅有微量团聚

较大的比表面积(通常大于30 m²/g)

可控表面层组份(氧化物或非氧化物)

所有无机元素均有产品