



# AeroZero<sup>®</sup> Powder

## **Product Description**

AeroZero<sup>®</sup> Powder consists of micron-sized polyimide aerogel particles:

 Incorporate into thermoplastic or thermosetpolymers to improve thermal insulation and/or dielectric properties.

#### **Features**

- Lightweight particles
- High heat resistance
- Compatible with extrusion & molding processes
- Reduces thermal conductivity of polymers
- Reduces dielectric properties of polymers

# Application

Dry the powder before use. Recommended drying conditions:

♦ Convection oven: 120 °C for 1 hour



### **Standard Dimensions**

Sample Amounts:

0.5 kg - 1.0 kg

### Storage

Recommended Storage Conditions:

- Temperature: below 25 °C (77 °F)
- ♦ Relative Humidity: below 50%

Physical Properties	Method	Value
Product Code		6000 - P100 - 110
Appearance	Visual	Yellow
Mean Particle Size, µm (mil)	ISO 13320 (Laser Light Scattering)	10 (0.39)
Density, g/cm³	Mercury Intrusion Porosimetry	0.37 ± 0.05

Data within this table are typical values for the standard AeroZero® Powder product family. *Product Code # 6000-P100-110* 



Blueshift products are manufactured under a certified AS 9100D/ ISO 9001:2015 Quality Management System facility. See our website for more information on Blueshift products.

Lighten. Protect. Perform.

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