



## AeroZero® Powder

### Product Description

AeroZero Powder consists of micron-sized polyimide aerogel particles:

- ◇ Incorporate into thermoplastic or thermoset polymers 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/cm <sup>3</sup>	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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