



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 ³	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.



Additional material data is available upon request.

5 South Spencer Road
Spencer, MA 01562 USA

+1 (888) 350 - 7586
www.blueshiftmaterials.com