

TECHNICAL DATASHEET

Argentum

Argentum is a premium-grade adsorbent designed for effective removal of bacteria, odor, and impurities from air and water. The natural hardness of coconut shell carbon ensures long life, while silver impregnation provides powerful antimicrobial protection, preventing bacterial growth on the carbon surface — making it ideal for water purifiers & air filters.



Argentum is ideal for applications where microorganism growth poses a concern. Commonly used in both point-of-entry (POE) and point-of-use (POU) systems, its silver impregnation provides strong antimicrobial protection, making it highly effective in water and air purification processes where bacterial growth on filter media may occur

Typical applications include :

- Household pitcher and dispenser water filters (POU)
- Whole-house water filtration systems (POE)
- Pharmaceutical process water purification
- Air purification and HVAC filtration systems

Packaging Options

- ✓ 25 kg / 55 lb PP bags (poly-lined)
- ✓ 500 kg (1100 lb) jumbo bags
- ✓ Custom packaging available

Combines high adsorption with antimicrobial protection for clean, safe water and air.

GENERAL SPECIFICATIONS

Iodine Value (mg/g)	1000 min
Silver percentage	0.05 min
Apparent Density (kg/m ³)	450 min
Moisture Content (%)	5% Max
Hardness (%)	98 Min
Ash Content (%)	5% Max
pH	6 - 11
U.S.Standard Sieve Size	Granular and pellet

***ph & particle size on request**

Applications

- Exhibits strong bacteriostatic properties, preventing bacterial growth and reproduction on the filter media.
- Effectively enhances the taste and odor quality of water.
- Premium-grade substrate for efficient removal of trace organic compounds such as THMs, pesticides, and disinfection by-products.
- High mechanical strength ensures low dust release and longer filter life.
- Suitable for both water and air purification applications, providing versatile performance across multiple industries.



*The specifications and typical properties of the carbon produced are tested using international standard test methods. These are provided for informational purposes only and should not be used as purchase specifications. Sales specifications can be obtained from CG and should be reviewed before placing an order.