



PRODUCT DETAIL



Cocarb AirPro Activated Carbon Coconut charcoal granular

Our granular activated carbon is manufactured by steam activation from carefully selected coconut shell charcoal. It is made for use in vapor phase applications, such as solvent recovery, VOC (Volatile Organic Compound) adsorption in air treatment processes and purification of industrial & natural gas concentrations in air or gas.

Due to its extensively developed micro porous structure, our activated carbon is particularly designed for the adsorption of low molecular weight compounds present in low concentrations in air or gas.

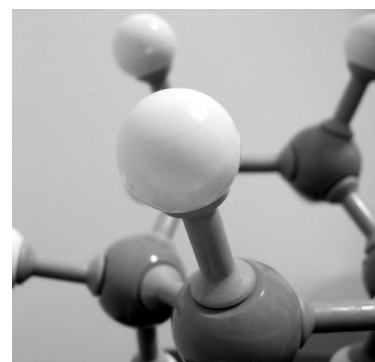
All our products are subjected to a wide range of tests, including NSF[®], PZH Atest Hygienic and ASTM. The test results and the related certificates are the proven documents of our technological promises, which reflect high standards of product quality and efficiency.

KEY FEATURES

- High activity and density
- Optimized pore structure
- Exceptional hardness and strength
- Rigorously de dusted

BENEFITS

- Maximum contaminant loading
- High adsorption capacity
- Clean handling of filter/adsorbed filling
- Minimum product degradation giving low pressure drop





SPECIFICATIONS

| PARAMETER | UNIT | VALUE | TEST METHOD |
|-------------------------------------|--------------------------------|-----------|--------------------|
| Carbon tetrachloride activity (CTC) | % | 55-60 | ASTM D3467 |
| Butane activity | % | 23-26 | ASTM D5742 |
| Surface area minimum | m ² g ⁻¹ | 1100 | BET N ₂ |
| Apparent density | kg m ⁻³ | 460 – 520 | ASTM D2854 |
| Moisture content – as packed | % | Max 5 | ASTM D2867 |
| Ash content | % | Max 3 | ASTM D2866 |
| Ignition temperature minimum | °C | 350 | ASTM D3466 |
| Ball-pan hardness number minimum | % | 98 | ASTM D3802 |

| ITEM NO | ITEM DESCRIPTION | SIZE/MESH | SIZE IN MM |
|---------|--------------------|-----------|------------|
| 175050 | AirPro GC48 CTC 45 | 4 x 8 | 2,36-4,75 |
| 175010 | AirPro GC48 CTC 50 | 4 x 8 | 2,36-4,75 |
| 175007 | AirPro GC48 CTC 55 | 4 x 8 | 2,36-4,75 |
| 175001 | AirPro GC48 CTC 60 | 4 x 8 | 2,36-4,75 |
| 175051 | AirPro GC48 CTC 65 | 4 x 8 | 2,36-4,75 |

Particle size tolerance for granular:

Oversize minimum is 5% and undersize maximum is 4%

APPLICATION MANAGEMENT

- Copier paper (methylene chloride)
- Solvent degreasing (trichloroethylene)
- Adhesive tape (hexane)
- Wallpaper production (pentane)
- Fresh air intake systems
- Natural gas purification
- Pressure swing adsorption units
- Comfort air systems (HEVAC)
- Catalyst applications (COCL₂)
- Cellophane products (THF/toluene)
- Medical dressing (THF)
- Aluminium foil (ethyl acetate)
- Gold purification (cyanide solution)

PACKAGING

- 25 kg, 50 kg and 500 kg Polyethylene non-liner FIBC's (big bags).
- Polyethylene bag is standard.
- Customized packaging available on request.

Cocarb

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