

FILTRATION MEDIA



PROACTIVE™ 12 X 40 CARBON

ProActive 12 x 40 Granular Activated Carbon (P/N IT50002) is made from a superior quality anthracite and non-viscous coal. It is recommended for residential applications. This carbon is almost twice as effective at chlorine removal than our 8 x 30 grade. ProActive 12 x 40 Carbon has a superior iodine rating of 1000 minimum and it is great for organics too.

FEATURES

- High adsorption capacity and efficiency
- Super durability that stands up well to backwash
- Low fines, no floats, rinses fast
- Certified to NSF/ANSI Standard 61

Specifications

US Standard Mesh Size.....	12 x 40
Larger than 12	5% maximum
Smaller than 40.....	3% maximum
Backwash Expansion	35% to 40%
Backwash Rate	10 gpm/sq.ft. @ 55°F
Chlorine Reduction @ 1 ppm Influent	
4 gpm flow rate per cu.ft.....	1,000,000 gal
8 gpm flow rate per cu.ft.....	260,000 gal
Iodine Number	1000 mg/g minimum
Molasses Number	210 mg/g minimum
Abrasion Number	90 ASTM minimum
Methylene Blue.....	180 mg/g minimum
Benzene Number	38 minimum
CTC.....	65 minimum
Mean Particle Diameter	0.9 to 1.1 mm
Ash Content.....	12% maximum
Moisture	3% maximum
Bulk Density.....	0.50 g/cc
Apparent Density	0.44 g/cc

This information has been gathered from standard materials and or test data that is believed to be accurate and reliable. Nothing herein shall be determined to be a warranty or representation expressed or implied with respect to the use of such information or the use of the goods described for any particular purpose alone or in combination with other goods or processes, or that their use does not conflict with existing patent rights. No license is granted to practice any patented invention. It is solely for your consideration, investigation and verification.

Typical Properties

Total Surface Area	
(N2 BET method).....	1000 to 1050 m ² /g
Pore Volume.....	0.95 cc/g
Backwash & Drained Density	0.42 g/cc
Uniform Coefficient.....	1.8
Effective Size	0.60 mm

Packaging

Plastic lined, corrugated box. Each box contains 1 cu.ft. (27.5 lb net weight).

Warning

For safety and handling purposes, we recommend appropriate protective measures when entering a wet vessel containing granular activated carbon, because wet activated carbon depletes oxygen from air and therefore, dangerously low levels of oxygen may be encountered. In such a case, the oxygen level inside the vessel shall be determined before entering and appropriate protective equipment should be worn when entering, or leave the vessel open until the oxygen level in the vessel is normal.