

FILTRATION MEDIA



PROACTIVE™ 8 X 30 CARBON

ProActive 8 x 30 Granular Activated Carbon (P/N IT50001) is made from a superior quality anthracite and non-viscous coal. The 8 x 30 mesh carbon is recommended as the choice for whole house and commercial/industrial applications where little pressure drop is preferred. ProActive 8 x 30 Carbon is rated at a 950 minimum iodine number, making it a premium grade carbon for chlorine removal. It is tough enough to withstand frequent backwashing with its abrasion number of 90 minimum.

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..... | 8 x 30 |
| Larger than 8..... | 5% maximum |
| Smaller than 30..... | 3% maximum |
| Backwash Expansion..... | 35% to 40% |
| Backwash Rate..... | 12 gpm/sq.ft. @ 55°F |
| Chlorine Reduction @ 1 ppm Influent | |
| 2 gpm flow rate per cu.ft..... | 1,000,000 gal |
| 4 gpm flow rate per cu.ft..... | 260,000 gal |
| Iodine Number..... | 950 mg/g minimum |
| Molasses Number..... | 200 mg/g minimum |
| Abrasion Number..... | 90 ASTM minimum |
| Methylene Blue..... | 150 mg/g minimum |
| Benzene Number..... | 38 minimum |
| CTC..... | 55 minimum |
| Mean Particle Diameter..... | 1.5 to 1.7 mm |
| Ash Content..... | 12% maximum |
| Moisture..... | 3% maximum |
| Bulk Density..... | 0.51 g/ml |

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Typical Properties

| | |
|---------------------------------|-------------------------------|
| Total Surface Area | |
| (N2 BET method)..... | 950 to 1000 m ² /g |
| Pore Volume..... | 0.85 ml/g |
| Backwash & Drained Density..... | 0.45 g/ml |
| Uniform Coefficient..... | 2.0 |
| Effective Size..... | 0.90 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.