

Activated Carbon

High-density Adsorbent



MAGNAFLUX® Activated Carbon is a high-activity, granular, activated carbon manufactured by steam activation from selected grades of bituminous coal. It is a high-density adsorbent and provides maximum volume activity. Its excellent hardness and mechanical strength ensures negligible losses during the processing of rinse water.

Activated Carbon is used with our S200 and S500 filtration systems for the cleanup of penetrant rinse water. It offers the perfect balance between adsorption and transport pores, providing optimum performance for rinse water processing.

FEATURES

- Readily wetted (due to being water-washed)
- Low dust
- Good abrasion resistance
- High organics compound capacity
- Enhanced transport pore structure
- Proven high reactivation yields

APPLICATIONS

Ideal for: use with our S200 and S500 filtration systems for the cleanup of penetrant rinse water.

COMPOSITION

Activated carbon with a particle size consisting of a 12 x 40 mesh (0.425-1.70 mm).

USER RECOMMENDATIONS

Penetrant Rinsewater Treatment Equipment	S200, S500/S500C
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PACKAGING AND PART NUMBERS

Activated Carbon is available in 25 Kg bags (part number 079C002).

PRODUCT PROPERTIES

Iodine number	Min. 1,000 mg/g
Moisture content	Max. 5%
Total ash content	Max. 13%
Wetability	Min. 95%
Hardness	Min. 95%
Surface area	1,050 m ² /g
Methylene blue number	280 mg/g
Total pore volume	1.04 cm ³ /g
Water-soluble ash	0.2%
Apparent density	0.48 g/cm ³
pH	8 - 11

Like all Magnaflux materials, our Activated Carbon is closely controlled to ensure batch-to-batch consistency, optimum process control and inspection reliability.

HEALTH AND SAFETY

Review all relevant health and safety information before using this product. For complete health and safety information, refer to the Safety Data Sheets, which are available at eu.magnaflux.com.