

Coal Based Granular Activated Carbon **MRX-M**

DESCRIPTION

MRX-M is a granular activated carbon produced by steam activation of bituminous coal granules. It is designed especially for use in fixed bed sweetening processes for treating petroleum distillates. The high abrasion and density values of **MRX-M** minimize carbon losses due to attrition which allows for longer on-line service life.

FEATURES

- Bituminous coal base produces a product with high hardness ensuring excellent resistance to abrasion caused by transport and mechanical stress.
- Adsorption pore structures that allow carbon to retain maximum sulphur containing compounds.

APPLICATIONS

Some of the typical sweetening applications for MRX-M activated carbon include :

- Gasoline
- Jet fuels
- Kerosene
- Diesels
- Medium and heavy naphthas
- Natural gas liquid
- Heating oil

Specifications	MRX-M	Test Method
Manufacturer	Calgon Carbon Corporation	
Type	Coal Based Granular Activated Carbon	
Iodine Number, mg/g (min.)	900	ASTM D4607
Moisture (As packaged), wt% (max.)	5	ASTM D2867
Screen Size, US Sieve Series 10 U.S. Mesh, wt% 30 U.S. Mesh, wt%	Less than 1 Greater than 98	ASTM D2862

Typical Properties:

Apparent Density, g/cc

0.53 to 0.59

ASTM D2854

Total Ash Content, wt%

14

ASTM D2866