



Special Products

Product information'
MR[®] 156 Activated carbon, pellets



MR[®] 156 Activated carbon, pellets

for service water treatment in activated carbon filters or adsorbers

General:

Activated carbon is a pure carbon that has - because of its porous structure - a great inner surface on which molecules can settle down (adsorption). It is produced by steam activation of select grades of coal.

Because of their very good adsorption properties, activated carbon filters can be used for waste- and circular water treatment.

Activated carbon always contains a dust portion which cannot be avoided during production and which may amount up to 5 weight per cent.

For best results and to avoid unwanted dust the activated charcoal should be allowed to water for 24 hours. Afterwards, it should be flushed with water until the passing water shows no more dust particles.

Activated carbon filters consist of thick layers of activated carbon (particles between 0.5 and 3 mm diameter). The activated carbon adsorbs unwanted ingredients of the water. After a certain time the activated carbon must be exchanged and regenerated or disposed of according to local regulations. If this is not done in time the adsorbed ingredients will be flushed out of the carbon and a duly circular water cleaning is no longer guaranteed.

Product description:

- MR[®] 156 Activated carbon is a granular activated carbon produced of select grades of coal
- Superior adsorption properties
- Almost ideal surface structure for the adsorption of groundwater impurities
- High density
- Very fine surface structure



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MR[®] 156 Acitvared carbon, pellets

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Specifications:

Iodine number, min.	850	
Particle size		
> 12 mesh (1.70 mm), max.	5	Gew. %
< 40 mesh (0,42 mm), max.	4	Gew. %
Main particle size diameter	1,0	mm
Effective size	0,6-0,7	mm
Ball-pen hardness min.	75	
Moisture as packed max.	2	Gew. %
Surface area (BET method)	900	m ² /g
Density backwashed and drained	500	g/l
Uniformity coefficient	2,0	

Minimum shelf life:

- 4 years stored at room temperature

Delivery form:

- Paper sack à 25 kg