

ACTIVE CARBON PK 1-3

Active Carbon PK 1-3 is a granular activated carbon, which can be used in a large range of liquid purification applications including Potable water and process water treatment. PK 1-3 is produced by steam activation.

SPECIFICATIONS

Iodine number	min.	700
Particle size		
> 3,15 mm	max.	10 mass-%
< 0,70 mm	max:	5 mass-%

GENERAL CHARACTERISTICS

Apparent density	290 kg/m ³
Density backwashed & drained	255 kg/m ³
Effective size	1.2 mm
Uniformity coefficient	1.6
Iodine number	800
Methylene blue adsorption	11 g/100g
Total surface area (BET)	875 m ² /g
Molsture (as packed)	2 mass-%
Ash content	8 mass-%
pH	alkaline
Dechlorination halving value	5 cm

PK 1-3 meets the requirements of the US Food Chemicals Codex (4th edition, 1996).

NOTES

1. All analyses bases on Standard Test Methods (NSTM).
2. General characteristics reflect average values of product quality. Specifications are guaranteed values based on lot to lot quality control, as covered by ISO 9002 certification.



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HYDRODYNAMIC PROPERTIES

Detailed information on the hydrodynamic properties of PK 1-3 can be found in Technical Bulletin – Hydrodynamic Properties of Granular Activated Carbon grades.

PACKAGING

N PK 1-3 is available in:

- Multiply paper bags of 12.5 kg, 40 bags per pallet, shrink wrapped (500 kg net weight per pallet)
 - Bulk bags of 450 kg or 225 kg net weight on a pallet, shrink wrapped
- Bulk tank cars

Caution: For health and safety related aspects of N PK 1-3, please refer to the Material Safety Datasheet (MSDS), which is available on request.

Distributed by:

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