



TECHNICAL DATA SHEET

CHARCOAL ACTIVATED GRANULAR LR

Activated carbon

Article No.	502990500	Molecular Formula	C
H.S. Code	3802.1000	Molecular Weight	12.01
CAS No.	7440-44-0		

Physical Properties

Physical state at 20 °C	Solid
Colour	Black
Odour	Odorless
pH value	6 - 9
Melting point [°C]	3550°C
Auto-ignition temperature [°C]	450 °C
Boiling point [°C]	Sublimes
Vapour pressure [20°C]	< 0.01 hPa at 20 °C
Vapour density	0.4
Density [g/cm ³]	1.8 - 2.1
Solubility in water [% weight]	Insoluble in water

Specifications

Appearance Black granules
Substance soluble in water Max 2.0%
Cyano compounds (CN) Passes test
Heavy metals (as Pb) Max 0.01%
Arsenic (As) Max 0.0005%
Lead (Pb) Max 0.005%
Iron (Fe) Max 0.05%
Zinc (Zn) Max 0.15%
Polycyclic aromatics Passes test
Tar products Passes test
n-Hexane absorption Min 20.0%
Residue on ignition (at 1000°C) Max 10.0%
Loss on drying (at 120°C) Max 10.0%
Iodine adsorption Min 800 mg/gm

Safety Information and Hazard Symbols

Safety Statement	22-24/25
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