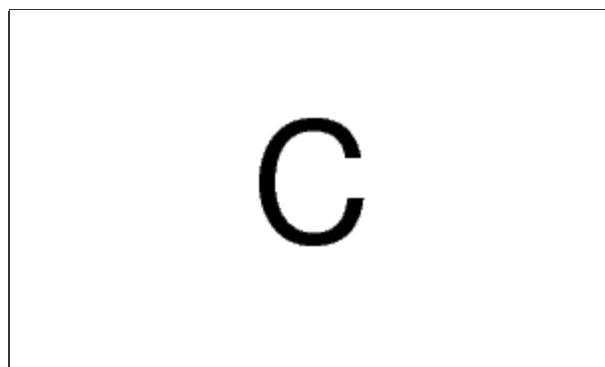


CHARCOAL ACTIVATED AR

Activated carbon

Article No.	02691	Grade	AR
Purity		CAS No.	7440-44-0
Molecular Formula	C	Molecular Weight	12.01
H.S. Code	3802.1000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	Black
Odour	Odorless	pH value	6 - 9
Melting point/ Freezing 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/cm3]	1.8 - 2.1
Solubility in water [% weight]	Insoluble in water		

Specifications

Appearance	Black powder
Substance soluble in ethanol	Max 0.5%
Substance soluble in HCl	Max 3.0%
Chloride (Cl)	Max 0.05%
Sulphate (SO4)	Max 0.05%
Heavy metal (as Pb)	Max 0.005%
Iron (Fe)	Max 0.05%

Packings

100 g	00100
500 g	00500

Sulphated ash (at 800°C)	Max 5.0%
Loss on drying (at 120°C)	Max 8.0%
pH Value	6.5 -7.5
Methylene blue value	Min 210

Safety Information

Revision Date : 01-Feb-2023

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