

PRODUCT SPECIFICATION

CTX-L1000 – Catalytic Activated Carbon

CTX-L1000 is a new generation of activated carbon. It offers enhanced catalytic properties in all oxidation, reduction, and decomposition applications plus all the capabilities of standard activated carbon.

The increased catalytic performance of CTX-L1000 enables improved performance in existing applications while simultaneously opening up a new range of possibilities.

CTX-L1000 can be regenerated in situ by rising with water.

TYPICAL PROPERTIES

Property Test	Method	Value	
Total Surface Area	BET N ₂	1100 m ² /g	
Apparent Density	ASTM D2854	0.52 g/cm ³	Min
Hardness	ASTM D3802	98	Min
Ash	ASTM D2866	3%	Max
Moisture	ASTM D2867	5%	Max
pH	ASTM D3838	7-10	

Available Sizes : ASTM Mesh mm Above Passing

8x30 2.36-0.60 5% 5%
12x30 1.70-0.60 5% 5%
12x40 1.70-0.43 5% 5%
20x50 0.85-0.30 5% 5%

Standard Packaging: 25 kilogram sacks & 500 kilogram FIBCs. Other packaging types available on request.

Typical Applications for CTX-L1000

Liquid Phase

H₂S control Converts H₂S to sulphate to improve sour taste and odour
Chloramine control Faster removal rates than standard activated carbon
Iron oxidation Increases oxidation rates
Sulphite oxidation Oxidises sulphites to sulphates
Peroxide control Quick and total removal of hydrogen peroxide
Hydrazine Quick and total removal of hydrazine