



GREMLOG
Gremlog Trading DMCC



Carbon Anodes

CPC and CT are the two main ingredients of carbon anodes that provide the electrolytic chemical reaction during aluminium smelting. To produce one tonne of aluminium a smelter needs about 425 kg of carbon anodes, which is produced by mixing PC (80%) and CP (20%). Recycled anode butts returned from the smelting process help to reduce the required amount of CPC and CP, hence is contributing to significant cost savings.

Physical & Chemical Properties

TEST	TEST METHOD	RESULT
Total Sulphur, %	ED-XRF / ICP-AES	<0.1
Ash Content, %	ISO 1171	0.64
Volatile Matter, %	ISO 562	4.17
Fixed Carbon Content, %	ISO 17246	95.08
Moisture Content, %	ISO 589	0.11

Carbon Anodes Sizes

0-1 MM	10-30 MM	100-500 MM
1-4 MM	30-50 MM	100-1200 MM
4-10 MM	50-100 MM	As per request

Location:

📍 Abu Dhabi

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Introducing Gremlog, your premier source for cutting-edge carbon dust solutions. We specialize in providing a comprehensive product line designed to revolutionize industries across the board. Our carbon dust offerings are engineered to enhance energy storage, optimize filtration, and unlock the potential of advanced materials.

Carbon Dust Test Report

Test	Method	Unit	Result
Moisture Content	ISO 589	%	2.60
Ash Content	ISO 1171	%	38
Volatile Matter	ISO 562	%	6.76
Fixed Carbon Content	ISO 17246	%	48.00
Total Sulphur	ED-XRF / ICP-AES	%	<0.1
Gross Calorific Value, kcal/kg		kcal/kg	4072

Calorific Value, Moisture, Ash Results

S. No	VR Code	Sample Description	Gross Calorific Value, kcal/kg	Moisture	Ash
3	VR032/23	CARBON DUST	4003 kcal/kg	0.79%	39.30%

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