

Carbon Anodes Product List



GREMLOG
Gremlog Trading DMCC



About Us

Welcome to Gremlog Trading DMCC, your reliable source for high-quality recycled materials tailored for various industrial purposes. As a leading supplier of eco-conscious materials, we take pride in offering a diverse range of recycled materials, including cryolite, bath material, carbon dust, secondary cryolite, metal scrap such as fine iron scrap, rebars, aluminium scrap and more. With a strong commitment to sustainability, our recycled materials are engineered to meet the demanding needs of industrial projects while promoting environmental responsibility.

Carbon Anodes

Gremlog Trading DMCC is a leading supplier of recycled carbon anodes, a sustainable solution with versatile applications. Derived from a meticulous recycling process, our recycled carbon anodes serve as essential components in aluminum smelting, facilitating efficient electrolytic reactions. Carbon Anodes / Anode Butts represent the residual portion of prebaked anode carbon blocks used in electrolytic tanks.

Physical & Chemical Properties

<u>TEST</u>	<u>TEST METHOD</u>	<u>RESULT</u>
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

Office Location: Dubai, JLT, Cluster P, Armada 2, Office: 3004

Site Location: KIZAD B - KHIBT-85, Abu Dhabi

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Carbon Dust Product List



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Welcome to Gremlog Trading DMCC, where we lead the charge in sustainable solutions and innovation. Our premier offering, carbon dust, is a by-product of aluminium smelting that underscores our commitment to environmental responsibility. As the primary supplier for carbon dust production, Gremlog Trading DMCC spearheads this groundbreaking initiative. This high-carbon-content by-product, derived during the production of anodes for aluminium smelting, serves as a remarkable alternative fuel for the cement industry.

The utilization of 78,000 tonnes of carbon dust has translated into savings of approximately 36,000 tonnes of CO₂ emissions, signifying a substantial reduction in dependence on traditional fuels and a meaningful stride towards a more environmentally responsible future. Going beyond the supply chain, Gremlog Trading DMCC actively engages in the processing and re-use of stockpiled carbon dust. This approach ensures that previously generated material plays a pivotal role in advancing the circular economy. We invite you to join us in shaping a greener future with our premium carbon dust—a testament to our unwavering dedication to environmental responsibility and innovation.

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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