

The background of the entire page is a close-up photograph of mineral crystals. On the left side, there are dark, angular, blackish-grey crystals. On the right side, there are bright, golden-yellow, fibrous or dendritic mineral structures. The overall texture is rough and crystalline.

TECHNICAL DATA SHEET

AXIGOLD



AXIGOLD-50 CTC

High-activity coconut shell-based activated carbon specially developed for precious metal recovery applications.

Its high CTC value ensures excellent adsorption of gold-cyanide complexes and other precious metal solutions.

Features & Benefits



Optimized pore structure for maximum adsorption of gold and precious metals



Low platelets and high hardness for longer service life in columns and CIP/CIL operations



High CTC activity ensuring superior performance in recovery circuits



Excellent resistance to attrition and mechanical wear



Produced from sustainable coconut shell raw material

PARAMETER	TEST METHOD	UNIT	SPECIFICATION
Butane Adsorption	ASTM D5742	% wt	>19.6
Iodine value*	ASTM D4607	mg/g	>1000
CTC [as calculated*]	ASTM D5742	%	>50
Apparent Density	ASTM D2854	g/L	450
Moisture Content	ASTM D2867	%	<5
Ash Content	ASTM D2866	%	<4
Hardness (%)	ASTMD3802	%	>99
pH*	ASTM D3838		9-11
Platelet Content	A.A.R.L	%	≤7
Attrition	A.A.R.L	%	0-2



Available Products

01 AG-50-6X12-R [3.35 – 1.70 mm]

02 AG-50-8x16-R [2.36 – 1.18 mm]

“Other sizes considered on request”

Applications

Gold and precious metal
recovery
(CIP, CIL, CIC circuits)



Mining and
metallurgical process
solutions



Carbon-in-pulp and
carbon-in-leach
operations





Certifications & Compliance



NSF/ANSI 42 & 61
Certified



ISO 14001:2015
Environmental
Management



ISO 45001:2018
Occupational
Health & Safety



ISO 9001:2015
Quality Management



HALAL Certified
Jamiat Ulama-i-Hind



KOSHER Certified
JK Kosher

Packaging



Bulk bag



25 kg Bag

"Products can be customized for specific requirements in terms of pH, Iodine Number or CTC
Custom packaging can be arranged based on customer requirement"