



PRODUCT CATALOG

SPECIAL EDITION

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Phone: +6285771284829

Depok
West Java
Indonesia



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WHY US?

SANG NUSA CARBON

At Sang Nusa Carbon, we are committed to fulfilling your needs quickly and efficiently. Our team is solid, highly responsive, and equipped with strong communication skills. We are proud to be a supplier with three factories located across Java Island, Indonesia, working closely together to ensure a seamless production process.

The strategic location of our factories, combined with the well-developed logistics network on Java Island, enables us to expedite deliveries through international ports such as Jakarta. This helps minimize distribution costs and ensures timely delivery to meet your requirements.

We maintain full control over the entire production process, from sourcing raw materials to delivering high-quality finished products. Our commitment to excellence is supported by our Factory Audit Certificate, demonstrating that we operate under a well-managed and certified production system.

In addition, we provide a wide range of applications, including water clarification, contaminant filtration, gold mining, odor adsorption, taste enhancement, and chlorine removal, to meet your specific needs.



CAPACITY OF PRODUCTION

**250 - 300
TON/MONTH**



CARBON ACTIVE **Base COCONUT**

Our premium activated carbon is derived from carefully selected coconut shell charcoal, delivering exceptional adsorption performance with high microporosity and ultra-low ash content. This ensures maximum efficiency and reliability for demanding applications such as water treatment and gold recovery.

Engineered for superior performance, our coconut shell-based activated carbon offers outstanding durability and structural strength. It is highly resistant to breakage, providing a stable and consistent performance over extended periods. With its longer lifespan and minimal maintenance requirements, it helps reduce operational costs while maintaining optimal results.

Compared to coal-based or wood-based carbon, our product stands out with cleaner performance, higher efficiency, and greater consistency—making it the ideal choice for businesses seeking both quality and long-term value.

Our Product



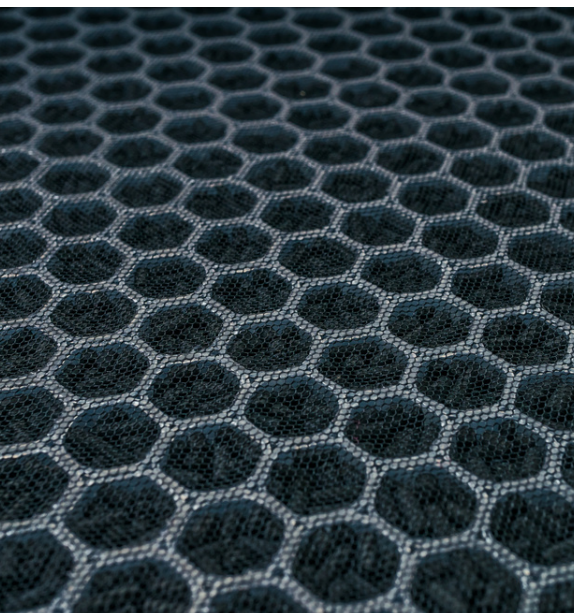
What are Carbon Active USED FOR?



WATER FILTER SYATEM

Our water filtration system is designed to deliver the highest water quality with reliable and efficient filtration technology. Utilizing high-quality media such as coconut shell-based activated carbon, the system effectively removes chlorine, odors, organic compounds, and various contaminants.

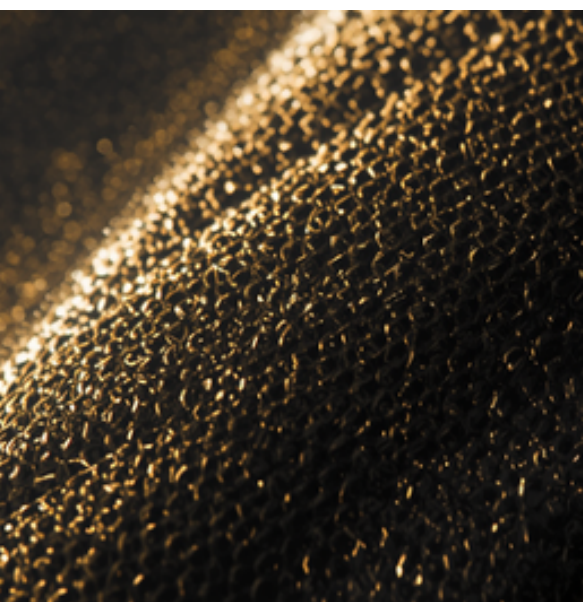
Specifically designed for residential, commercial, and industrial applications, this system operates optimally to produce cleaner, clearer, and safer water for everyday use.



ACTIVATED CARBON AIR FILTER

Our activated carbon air filter is designed to deliver improved air quality with reliable and efficient filtration technology. Utilizing high-quality coconut shell-based activated carbon, the system effectively removes odors, harmful gases, organic compounds, and various airborne contaminants.

Designed for residential, commercial, and industrial applications, it operates optimally to provide cleaner, fresher, and healthier air—creating a safer and more comfortable environment for everyday use.



GOLD MINING CIP / CIL

Maximize your gold recovery with premium coconut shell-based activated carbon, specifically engineered for CIP and CIL applications. Designed to perform in demanding mining environments, this carbon delivers high adsorption capacity with optimal microporosity, ensuring efficient and consistent gold recovery.

With excellent hardness and abrasion resistance, it minimizes carbon loss while maintaining its structure throughout the process cycle—resulting in a longer service life and reduced operational costs. Its low ash content further enhances performance by preserving purity and optimizing adsorption efficiency.

PRIME SOFT: WATER SPECIALIST

TECHNICAL PARAMETER	VALUE	UNIT
Iodine number	1,210	mg/gr
CTC Adsorption	63.72	%
Hardness	99.00 min	%
Particle Size	6 x 12	mesh
pH Range	8.0 - 11.0	-
Bulk Density	0.51	gr/cm ³

TARGET APPLICATION

Specifically engineered for softening and purifying high-grade water systems, ensuring the removal of hardness and organic impurities

PRIME GOLD: PREMIUM CARBON

TECHNICAL PARAMETER

VALUE

UNIT

Iodine number

1,210

mg/gr

CTC Adsorption

63.72

%

Hardness

99.00 min

%

Particle Size

6 x 12

mesh

Ash Content

2.10 max

%

Moisture Content

2.80 max

%

KEY ADVANTAGES

Maximum adsorption capacity for high purity gold recovery. Superior hardness for low attrition and minimal gold loss. Optimized pore structure for rapid adsorption kinetics. Premium quality for industrial gold mining (CIP/CIL)

POWER & STRONG: INDUSTRIAL GRADE

POWER - ONE

Iodine number	916 mg/gr
CTC Adsorption	58.50 %
Benzene Adsorption	32.50 %
Particle Size	8 x 16 mesh
Hardness	95.70 %

Engineered for high-demand industrial filtration and complex wastewater management systems

STRONG - ONE

Iodine number	837 mg/gr
CTC Adsorption	54.18 %
Benzene Adsorption	30.10 %
Particle Size	8 x 16 mesh
Hardness	95.70 %

Robust performance for standard industrial effluents and large scale water treatment projects

SANG NUSA
CARBON

VIGOR & MIDDLE : STANDARD EFFICIENCY

PARAMETER	VIGOR - ONE	MIDDLE - ONE
Iodine number (mg/gr)	800	800
CTC Adsorption (%)	53.10	53.10
Benzene Adsorption (%)	29.50	29.50
Particle Size (mesh)	8 x 16	8 x 16
Hardness (%)	95.70 min	95.70 min
Bulk Density (gr/cm ³)	0.51	0.51
pH Range	8 - 11	8 - 11



GENERAL APPLICATIONS

Versatile solutions for municipal water filtration, industrial odor control, and gas-phase air purification systems

ONE CARBO: GRANULAR STANDARD

TECHNICAL PARAMETER	VALUE	UNIT
Iodine number	813	mg/gr
CTC Adsorption	54.36	%
Benzene Adsorption	30.20	%
Particle Size	8 x 16	mesh
Hardness	95.70 min	%
Bulk Density	0.4750	gr/cm ³
Moisture Content	3.10 max	%
Ash Content	3.20 max	%



MUNICIPAL & RESIDENTIAL

The ONE CARBON standard grade is engineered for reliable performance in municipal water treatment and residential filtration systems, ensuring consistent water quality and safety

ACTIVE SAND SUPER: IRON REMOVER

PARAMETER	TECHNICAL DATA
Physical Form	Black Brown, nodular granules
Screen Grading	18 x 16 mesh
Effective Size	0.30 to 0.35 mm
Service Flow Rate	2 - 12 gpm/sq. ft.
Apparent Density	1410.26 kg/m ³
pH Range	6.2 - 8.5
Specific Gravity	Approximately 2.4

KEY FUNCTIONS

High efficiency removal of Iron (Fe), Manganese (Mn), and Hydrogen Sulphide (H₂S). Effective for clearing metallic taste and brownish discoloration in water. Optimized for dual media beds or standalone filtration systems. Highly effective at pH levels above 8.0 for maximum performance



CORE FUNCTIONS & BENEFITS

ODOR ADSORPTION

Effectively absorbs and neutralizes unpleasant odors from well water and industrial sources.

WATER CLARIFICATION

Clears turbidity and brownish discoloration, providing crystal clear water for all applications.

CHLORINE REMOVAL

Eliminates chlorine compounds, ensuring water is safe and healthy for human consumption

TASTE ENHANCEMENT

Removes metallic or chemical aftertastes, providing a fresh and clean drinking experience.

CONTAMINANT FILTER

Filters out minerals, salts, and various inorganic compounds that contaminate water supplies

GOLD MINING

Crucial for gold recovery processes, providing high-efficiency adsorption in CIP/CIL mining circuits

**SANG NUSA
CARBON**

QUALITY & COMPLIANCE SUITE



Our production processes are fully Halal certified, ensuring compliance with ethical and religious standards for global distribution



SUCOFINDO

Every batch of Sang Nusa Carbon products is verified by an independent Certificate of Analysis (COA) from Sucofindo, ensuring chemical purity



**MATERIAL
DATA
SAFETY
SHEETS**

We provide a full suite of international documentation, including COO, MSDS, TDS, and PDS, to support industrial handling and safety.



CARSURIN

1968

Sang Nusa has successfully passed rigorous international scale factory audits conducted by PT. Carsurin, confirming our operational excellence. PROJECT

TECHNICAL SUPPORT & CONTACT

CUSTOM SOLUTIONS FOR INDUSTRIAL EXCELLENCE

We provide tailored carbon formulas and technical support to meet your specific industrial filtration and mining requirements



BRANCH OFFICE

Pesona Khayangan Blok DC7, Sukmajaya,
Mekarjaya, Depok, Jawa Barat 16411



MAIN OFFICE

KLASHICA - Klapa Shisha & Cafe BSD



Email: Sandhyaagninusantara@gmail.com



+62 857 - 7128 - 4829