



integrity | innovative | quality | responsible

**CORPORATE
PROFILE**



ABOUT COMPANY

Gaia Carbon produces premium-quality activated carbon via self-designed unique multi-point steam activation including coconut shell, coal and wood base materials to suit a diverse range of clients' needs - including water and gas phase treatment, precious metal extraction, solvent recovery, food industry purification and decolourization, and more to mention.

From the selection of raw material to the delivery of the final product, Gaia Carbon's manufacturing procedures and processes are governed by stringent quality control to ensure the products' superiority. The processes and controls are supported by a dedicated management team with two decades of experience and expertise in activated carbon manufacturing field and applications.

Together with our customers, we continue to strive for remarkable enhanced quality and extraordinary performance products as customers' satisfaction is our utmost priority. Gaia Carbon takes pride in being able to produce superior quality products designed to suit the client's requirements.




GAIA CARBON

Pureo C

Pureo C-100 & 200 is a medium to high activity coconut shell based manufactured by the world only multipoint steam activation process. The unique process creates special pore size distribution which best suit for the use in various water application, not limited to soft drinks bottling companies, breweries, industrial process water, power plant and protection of ion exchange resin.

	Pureo C-100	Pureo C-200
SPECIFICATION**		
Iodine adsorption	1000 mg/g min	1100 mg/g min
Ash Content	3% max	3% max
Moisture, as packed	5% max	5% max
Ball Pen Hardness	98% min	98% min
Apparent Density	470 - 550 kg/m ³	460 - 550 kg/m ³

FEATURES AND BENEFITS	 <p>Superior Hardness</p>	 <p>High Microporous Structure</p>	 <p>Clean & Low Ash</p>
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SIZE* AVAILABLE	<p>(A) 6 x 12</p> <p>(B) 8 x 30</p> <p>(C) 12 x 40</p>	<p>(D) 20 x 50</p> <p>(E) 30 x 60</p>	<p>(F) 80 x 200</p> <p>(G) 80 x 325</p>
	<p>Packaging* available in</p> <ul style="list-style-type: none"> • 25kg (PE Bag) / • 500kg (Bulk Bag) 		



GaiaGold

GaiaGold A280, A320 is coconut shell based manufactured by multipoint steam activation process. This unique process creates special pore size distribution, high quality product and yet maintain superior hardness which is pertinent for the gold processes, such as carbon-in-leach (CIL) circuits, carbon-in-pulp (CIP) circuits, carbon-in-column (CIC) process.

		GaiaGold A280	GaiaGold A320
SPECIFICATION**	CTC activity	55% min	60% min
	Ash Content	3% max	3% max
	Moisture, as packed	5% max	5% max
	Ball Pen Hardness	99% min	99% min
	Apparent Density	460 - 500 kg/m ³	450 - 500 kg/m ³
	Attrition (A.A.R.L)	2% max	2% max
	Platelet (A.A.R.L)	4% max	4% max

FEATURES AND BENEFITS					
					
	Superior Hardness	High Loading Capacity	Low Platelet	Low Ash, Low Dust	Superior Adsorption






SIZE* AVAILABLE	(A) 6 x 12
	(B) 6 x 16
Packaging* available in	
<ul style="list-style-type: none"> • 25kg (PE Bag) / • 500kg (Bulk Bag) 	



PureoPlus-C

PureoPlus-C100, C200 is a medium to high activity coconut shell based manufactured by multipoint steam activation process. PureoPlus-C is acid washed for use in home drinking water industry as well as not limited to soft drinks bottling companies, breweries, industrial process water, power plant, protection of ion exchange resin and RO membrane.

	PureoPlus-C100	PureoPlus-C200
SPECIFICATION**		
Iodine adsorption	1000 mg/g min	1100 mg/g min
Ash Content	1% max	1% max
Moisture, as packed	5% max	5% max
Ball Pen Hardness	98% min	98% min
Apparent Density	470 - 560 kg/m ³	460 - 550 kg/m ³
pH	6 - 8	6 - 8

FEATURES AND BENEFITS	 Excellent Hardness	 Superior Adsorption	 High Microporous Structure	 Low Ash, Low Dust	 Neutral pH
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SIZE* AVAILABLE	(A) 6 x 12 (B) 8 x 30 (C) 12 x 40	(D) 20 x 50 (E) 30 x 60 (F) 80 x 100	(G) 80 x 200 (H) 20 x 325
	Packaging* available in • 25kg (PE Bag) / • 500kg (Bulk Bag)		



Pureo-HK

Pureo-HK 10, 20 is a high activity granular steam activated on selected bituminous coal. The unique property of this product produced with high surface area and pore structure is particularly made for effective removal of both low and high organic compounds inclusive of odour and taste from water treatment, industrial process water, also food and beverage industry.

		Pureo-HK 10	Pureo-HK 20
SPECIFICATION**	Iodine adsorption	950 mg/g min	1000 mg/g min
	Ash Content	15% max	15% max
	Moisture, as Packed	5% max	5% max
	Ball Pen Hardness	92% min	92% min

FEATURES AND BENEFITS				
	Superior Adsorption	High Macroporous Structure	Low Dust	Neutral pH Available





SIZE* AVAILABLE	(A) 8 x 30
	(B) 12 x 40
Packaging* available in	
• 25kg (PE Bag) /	
• 500kg (Bulk Bag)	



Pureo-K

Pureo-K 80, 85, 90 is a medium activity and cost effective steam activated on selected bituminous coal. The unique property of this product is specially made for effective removal of both low and high organic compounds inclusive of odour and taste from water, wastewater and industrial process water.

		Pureo-K 80	Pureo-K 85	Pureo-K 90
SPECIFICATION**	Iodine adsorption	800 mg/g min	850 mg/g min	900 mg/g min
	Ash Content	15% max	15% max	15% max
	Moisture, as Packed	5% max	5% max	5% max
	Ball Pen Hardness	95% min	95% min	95% min

FEATURES AND BENEFITS				
	Medium Activity Product	High Macroporous Structure	Good Adsorption Capacity	Multipurpose Adsorbent

SIZE* AVAILABLE	(A) 8 x 30 (B) 12 x 40
	Packaging* available in • 25kg (PE Bag) / • 500kg (Bulk Bag)



