

PULSOVA

MINECHEM

Activated Carbon Solutions

One-Stop Solutions for all your Needs



Powdered Activated Carbon



Granular Activated Carbon



Water Treatment Solutions



Industrial & Process Applications



Custom Grades & Packaging



1006 - Aaron Spectra, Opp. Rajpath Club, Rajpath Rangoli Road,
Bodakdev, Ahmedabad-380054, Gujarat (INDIA).



Mob. : +91 98983 66768



E-mail : contact@pulsovaminechem.com

Company Profile

Pulsova is a leading manufacturer and supplier of high-quality activated carbon products, serving industries across domestic and international markets. With a strong focus on quality, performance, and customer satisfaction, we provide advanced activated carbon solutions for purification, filtration, decolorization, and environmental applications.

Backed by industry expertise and a commitment to excellence, Pulsova manufactures activated carbon products using premium raw materials and advanced processing methods to ensure consistent quality and superior adsorption performance.

Our Product Range

- Granular Activated Carbon (GAC)
- Powdered Activated Carbon (PAC)
- Pelletized Activated Carbon
- Coconut Shell Based Activated Carbon
- Coal Based Activated Carbon
- Wood Based Activated Carbon
- Water Treatment Activated Carbon
- Gold Recovery Activated Carbon
- Air & Gas Purification Carbon

Applications & Industries Served

- Water Treatment & Purification
- Pharmaceutical Industry
- Food & Beverage Industry
- Chemical & Dye Industry
- Paint & Coating Industry
- Air Filtration & Gas Purification
- Gold Recovery Industry
- Wastewater Treatment Plants

Why Choose Pulsova

- Advanced Manufacturing Standards
- Consistent Product Quality
- Customized Product Solutions
- Competitive Pricing
- Timely Deliveries
- Strong Customer Support
- Focus on Sustainable & Efficient Solutions

Quality Commitment

At Pulsova, quality is the foundation of our business. Every batch of activated carbon is manufactured with strict quality control measures to ensure high adsorption efficiency, purity, and performance as per industrial requirements and international standards.



COCONUT SHELL BASED ACTIVATED CARBON

Product Grade & Specification

Sr. No.	Description	GAC-400	GAC-500	GAC-600	GAC-700	GAC-800	GAC-900	GAC-1000	GAC-1100
1	Grade	GAC-400	GAC-500	GAC-600	GAC-700	GAC-800	GAC-900	GAC-1000	GAC-1100
2	Source of Material	Coconut Shell Charcoal Base							
3	Iodine Adsorption (mg/g)	400	500	600	700	800	900	1000	1100
4	Surface Area (m ² /g)	400	500	600	700	800	900	1000	1100
5	Hardness No	90–95	90–95	90–95	85–90	85–90	80–85	80–85	75–80
6	Bulk Density (gm/cc)	0.65	0.62	0.60	0.55	0.52	0.50	0.45	0.42
7	pH of 1% Water Extract	9–10	9–10	9–10	9–10	9–10	9–10	9–10	9–10
8	Ash Content (max %)	3–5	3–5	3–5	3–5	3–5	3–5	3–5	3–5
9	Moisture Content (max %)	5%	5%	5%	5%	5%	5%	5%	5%
10	CTC Adsorption (Min)	10 to 12	15 to 17	18 to 20	20 to 22	28 to 30	38 to 40	48 to 50	58 to 60
11	Particle Size (± 5% tolerance)	Any sieve size can be supplied like 4 × 4, 8 × 16, 8 × 16, 8 × 30, 16 × 40 etc.							
12	Packaging	25 kg Bag (other modes available as per requirement)							

FEATURES & BENEFITS

High Adsorption Efficiency

Superior performance for water treatment and decolorization.

Low Ash & Moisture

Cleaner output and longer service life.

Consistent Quality

Uniform particle size and dependable adsorption.

Reliable Performance

Consistent quality for industrial applications.

Effective Purification

Suitable for removal of color, odor and organic impurities.

Eco-friendly & Sustainable

Made from natural coconut shell – a renewable resource.

* Customization in each product available as required

COAL BASED ACTIVATED CARBON

Product Grade & Specification of Activated Carbon

COAL BASED STEAM ACTIVATED CARBON – GRANULAR FORM					
Sr. No.	Description	CAC-800	CAC-900	CAC-1000	CAC-1100
1	Grade	CAC-800	CAC-900	CAC-1000	CAC-1100
2	Source of Material	Coal Based	Coal Based	Coal Based	Coal Based
3	Iodine Adsorption (mg/g)	800	900	1000	1100
4	Surface Area (m ² /g)	750–850	850–950	950–1050	1050–1150
5	Hardness (%)	90–95	90–95	90–95	90–95
6	Bulk Density (g/cc)	0.48–0.55	0.46–0.53	0.45–0.52	0.43–0.50
7	pH of 1% Water Extract	8–10	8–10	8–10	8–10
8	Ash Content (max. %)	10	10	8	8
9	Moisture Content (max. %)	5	5	5	5
10	CTC Adsorption (%)	40–50	45–55	50–60	55–65
11	Particle Size	4×8, 8×16, 8×30, 12×40 mesh			
12	Packaging	25 kg / 500 kg / 1000 kg bags as per requirement			

FEATURES & BENEFITS

High Adsorption Capacity

High iodine value and surface area ensure strong adsorption.

Durable & Strong

High hardness supports long service life and low attrition.

Consistent Quality

Reliable performance and uniform properties.

Low Ash & Moisture

Helps minimize residue and improve process efficiency.

Effective Purification

Efficient removal of color, odor, chlorine and organic impurities.

Wide Applications

Suitable for water treatment, industrial processes, chemicals, food & beverage and more.

* Customization in each product available as required

WOOD BASED ACTIVATED CARBON – WASHED

Product Grade & Specification of Activated Carbon

WOOD BASED STEAM ACTIVATED CARBON (WASHED)					
Sr. No.	Description	CPS(w)-200	CPS(w)-250	CPS(w)-280	CPS(w)-300
1	Grade	CPS(w)-200	CPS(w)-250	CPS(w)-280	CPS(w)-300
2	Source of Material	Wood Charcoal Based			
3	M. B. Value (Mg/gm)	200	250	280	300
4	pH of 1% Water Extract	6–7	6–7	6–7	6–7
5	Ash Content (max %)	5–6	4–5	2–3	2–2.5
6	Iodine (acid extr.) mg/kg (max %)	300 ppm	250 ppm	200 ppm	100 ppm
7	Loss on drying (max %)	7%	7%	7%	7%
8	Acid Soluble Matter (w/w)	3%	3%	3%	3%
9	Water Soluble Matter (w/w)	2%	2%	2%	2%
10	Packaging	25 kg / 30 kg HDPE Bag with Inner Liner			

FEATURES & BENEFITS

High Adsorption Efficiency

Superior performance for water treatment and decolorization.

Good Purification Performance

Suitable for decolorization and purification applications.

Consistent Quality

Uniform particle size and high purity.

Reliable Performance

Consistent quality for industrial applications.

Low Ash & Soluble Matter

Cleaner output and longer service life.

Eco-friendly & Sustainable

Made from natural wood-based raw material.

* Customization in each product available as required

WOOD BASED ACTIVATED CARBON – UNWASHED

Product Grade & Specification of Activated Carbon

WOOD BASED STEAM ACTIVATED CARBON (UNWASHED)					
Sr. No.	Description	CPS-150	CPS-200	CPS-250	CPS-300
1	Grade	CPS-150	CPS-200	CPS-250	CPS-300
2	Source of Material	Wood Charcoal Based			
3	M. B. Value (Mg/gm)	150	200	250	300
4	pH of 1% Water Extract	9–11	9–11	9–11	9–11
5	Ash Content (max %)	12–15	10–12	8–10	7–9
6	Iodine (acid extr.) mg/kg (max %)	1000 ppm	800 ppm	600 ppm	500 ppm
7	Loss on drying (max %)	7%	7%	7%	7%
8	Packaging	25 kg / 30 kg HDPE Bag with Inner Liner			

FEATURES & BENEFITS

Economical Solution

Cost-effective option for multiple industrial uses.

Good Adsorption Capacity

Effective for decolorization, purification and refining.

Reliable Performance

Consistent quality for industrial applications.

Versatile Applications

Suitable for water treatment, chemicals, food & more.

* Customization in each product available as required