



Recovered Carbon Black (rCB): Balanced Quality, Sustainable Choice

Enhance your rubber and plastic products sustainably with our carefully formulated Recovered Carbon Black (rCB). With a focus on balanced performance, our rCB delivers reliable results suitable for a variety of applications, despite higher ash content.

Benefits of Our rCB:

- **Balanced Jetness:** While maintaining a practical level of jetness, our rCB offers suitable aesthetics for applications where deep colour is beneficial but not the sole priority.
- **Low Volatile Content:** Carefully processed to ensure minimal volatile materials, enhancing product safety, consistency, and compliance.
- **Good Dispersion:** Designed for effective integration into compounds, promoting uniformity in your final products.
- **Cost-Efficient and Sustainable:** Offering a sustainable alternative to virgin carbon black, our rCB provides excellent cost efficiency while contributing positively to your sustainability goals.

Applications:

- **Rubber Industry:** Suitable for general-purpose tires, industrial hoses, belts, and non-critical automotive parts.
- **Plastics Industry:** Effective in basic injection moulding, extrusion processes, masterbatches, and practical colour concentrates.

Our Sustainability Commitment:

Produced via advanced pyrolysis technology, our rCB reduces waste and environmental impact, aligning your products with eco-friendly practices without compromising functional performance.

Choose our Recovered Carbon Black to balance quality, cost, and sustainability in your manufacturing processes.

[Contact us today to request a sample or discuss your specific requirements.]

Specification Sheet of rCB

S.No	Parameters	SH-665	SS-330
1	BET Surface Area (m ² /g)	60 ±10	65 ±10
2	DBP Oil Absorption Number (ml/100g)	75 ±10	80 ±10
3	Iodine Absorption (mg/g)	95 ±10	105 ±10
4	Volatile Content (%)	<6	<4.5
5	Moisture Content (%)	<1.5	<1.6
6	Sieve Residue @ 325 mesh (%)	<0.05	<0.05
7	Ash Content (%)	5 ±2	5 ±2
8	Silica (SiO ₂) Content (%)	15 ±2	15 ±2
9	Sulfur Content (%)	<3	<3
10	Pour Density (Kg/m ³)	300 ±25	500 ±25
11	pH Value	7 ±1	7 ±1
12	Tint Strength (%)	70 ±10	65 ±10
13	PAH Content (mg/kg)	Below Detection Level	Below Detection Level
14	Pellet Hardness (cN)	N/A	90-95 / 50-55