

Veeto Hobbies India

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TECHNICAL DATA SHEET

PIGMENT BLACK 33 E

General Information & Applications: Our high-quality PIGMENT BLACK 33E provides an eco-friendly alternative to regular carbon black, helping industries achieve their sustainability goals without compromising performance. Superior quality control – Our state-of-the-art laboratory and rigorous quality control systems ensure every production batch meets consistent, high-quality standards. With a vision for a cleaner, greener planet, we are dedicated to creating solutions that benefit both businesses and the environment.

PRODUCT SPECIFICATIONS:

PRODUCT NAME	PIGMENT BLACK 33E
GRADE	GS-33E
PHYSICAL APPEARANCE	POWDER
COLOR	BLACK
PARTICLE SIZE	D90- >10 µm & D97- >15 µm
MOISTURE CONTENT	<1.2%
TOLUENE TRANSMITTANCE	MORE THAN 70%
ASH %	<20%
AFTER WASH RESIDUE 325 MESH	LESS THAN 100 ppm
SULPHUR CONTENT	5%
WATER WASH RESIDUE 35 MESH	LESS THAN 10 ppm

APPLICATIONS:

- 1. Tyre Manufacturing** - Acts as reinforcing filler, enhances strength, durability and wear resistance in tyre treads, sidewalls, and inner liners.
- 2. Rubber Products** - Increases elasticity, tensile strength and resistance to abrasion in rubber products.
- 3. Plastic Products** - Used as pigment and UV stabilizer, boosts UV resistance, mechanical properties, and color uniformity. Also has major application in masterbatch.

- 4. Coatings and Paints** - Act as black pigment in coatings, paints, and automotive finishes. Boosts opacity, color depth and UV protection.
- 5. Printing Inks** - Used as pigment in inks for packaging and print media, ensures deep black shades and excellent dispersion.
- 6. Energy Storage**- Used in Li-ion batteries, fuel cells, and super capacitors as conductive additive. Enhances conductivity and battery performance.
- 7. Electronics** - Used in conductive applications, ensuring static dissipation in electronic housings and components.
- 8. Textiles** - Used as a pigment for black or dark fabrics, providing excellent color fastness and fading resistance.
- 9. Construction Materials**- Acts as a pigment for coloring concrete, asphalt, and coatings, while also providing UV protection and improving durability.
- 10. Agriculture** - Used to enhance soil health, improve plant growth and potentially increase crop yields.

Disclaimer: It is strongly recommended to test our product in the desired applications, before final production. The above information is true to the best of our knowledge. We shall, however, not be responsible for any loss, injury or damage that may result from the use of this information.