

Black ABS Granules

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Product Description

ABS Black is an engineering thermoplastic based on Acrylonitrile Butadiene Styrene (ABS) copolymer, incorporating black pigment for a uniform dark appearance. It offers a balanced combination of mechanical strength, impact resistance, stiffness, dimensional stability, and surface quality. Its good processability and molding characteristics make it suitable for a wide range of industrial and consumer applications, particularly those requiring black-colored molded components.

Application Areas

- Automotive interior components, including trims, housings, panels, and decorative parts.
- Electrical and electronic housings, covers, and protective components.
- Consumer appliances and equipment components.
- Industrial molded parts requiring impact resistance and dimensional stability.
- Black-colored components requiring a consistent appearance and good surface finish.

Key Benefits

- Good impact resistance.
- Balanced stiffness and mechanical strength.
- Good processability in injection molding.
- Good dimensional stability.
- Uniform black coloration and good surface finish.
- Suitable for the production of complex molded components.

Safety, Handling & Storage

ABS Black is typically supplied in pellet form and packed in polyethylene bags or other suitable moisture-protective packaging. The material should be stored in its original, sealed packaging in a cool, dry, and well-ventilated area, away from direct sunlight, excessive heat, dust, and other sources of contamination.

Packaging should remain sealed until the material is ready for use. Once opened, the material should be protected from environmental contamination and stored under appropriate conditions. Pre-drying before processing should be carried out when required, in accordance with the supplier's recommendations and the processing guidelines for the specific grade.

For safe handling and processing, consult the applicable Safety Data Sheet (SDS).

Product Specification

Property	Unit	Value	Method/Standard
Melt Flow Index (MFI) (220 °C / 10 kg)	g/10min	41.09	ASTM D1238
Ash Content	%Wt	1.3	ASTM D5630