

White ABS Granules

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Product Description

ABS White is an engineering thermoplastic based on Acrylonitrile Butadiene Styrene (ABS) copolymer, formulated with white pigment to provide a clean and uniform light-colored appearance. It combines good mechanical strength, impact resistance, dimensional stability, and surface quality. Its good processability, molding performance, and balanced stiffness and toughness make ABS White suitable for a wide range of injection-molded industrial and consumer applications where both performance and appearance are important.

Application Areas

- Injection molded automotive components such as interior trims, housings, panels, and decorative parts
- Electrical and electronic housings, covers, and protective components
- Consumer appliances and equipment parts
- Industrial components requiring impact resistance, dimensional stability, and good surface appearance
- White-colored molded parts requiring uniform color, clean appearance, and good surface quality

Key Benefits

- Good impact resistance due to the rubbery

butadiene phase

- Good stiffness and mechanical strength provided by acrylonitrile-styrene matrix
- Excellent processability in injection molding
- Good dimensional stability and controlled shrinkage
- Uniform white appearance and good surface finish
- Balanced combination of stiffness, toughness, and appearance
- Suitable for complex molded parts.

Safety, Handling & Storage

ABS White is typically supplied in pellet form and packed in durable polyethylene bags or multi-layer bags. The material should be stored in its original sealed packaging in a dry, cool, and well-ventilated area. Direct exposure to moisture, dust, sunlight, and heat sources should be avoided.

To maintain product quality and prevent moisture absorption, bags should remain sealed until use. If the packaging is opened, storage under dry conditions and pre-drying before injection molding is recommended when required.

Product Specification

Property	Unit	Value	Method/Standard
Melt Flow Index (MFI) (220 °C / 2.16 kg)	g/10min	29 ± 2	ASTM D1238
Ash Content	%.Wt	≤ 1.0	ASTM D5630