

Selling granulated Basalt stone from IRANIAN Mines

My product: Basalt Aggregate

Introduction

Basalt is a dark, fine-grained volcanic rock that is widely used in construction and industrial applications due to its exceptional durability, strength, and resistance to wear. Our basalt aggregates are specifically processed to meet industry standards and provide high performance in various applications.

Product Specifications

Our basalt aggregates are carefully graded and processed to meet industry standards. Below are the key specifications:

- **Size:** Below 5 mm
- **Hardness:** 6.5 (Mohs scale)
- **Silica Content:** 35%
- **Color:** Black

Technical Properties

Our basalt aggregates exhibit the following characteristics:

- **Compressive Strength:** 100-300 MPa
- **Bulk Density:** 2.7-3.0 g/cm³
- **Water Absorption:** <1%
- **Abrasion Resistance:** Excellent
- **Chemical Resistance:** Highly resistant to acids and alkalis
- **Thermal Stability:** Withstands high temperatures without degradation

Applications

Basalt aggregates are widely used in various industries due to their high durability and mechanical strength. Common applications include:

- **Road Construction:** Enhances durability and skid resistance in asphalt and concrete roads.
- **Concrete Production:** Improves the strength and longevity of concrete structures.
- **Railway Ballast:** Provides stability and support for railway tracks.
- **Landscaping & Decorative Uses:** Adds an elegant, natural touch to outdoor designs.
- **Gabion & Erosion Control:** Used in retaining walls and shoreline protection.
- **Industrial Flooring:** Provides a durable and non-slip surface for heavy-duty environments.

Advantages of Basalt Aggregate

- **High Strength & Durability:** Ideal for long-term applications.
- **Environmentally Friendly:** Natural and non-toxic material.
- **Low Water Absorption:** Prevents weakening of structures over time.
- **Chemical & Weather Resistance:** Performs well in harsh environments.
- **Cost-Effective:** Provides excellent value for construction and industrial use.

Packaging & Delivery

We offer customized packaging solutions based on client needs:

- **Bulk Supply:** Direct delivery to project sites.
- **Bagged Aggregates:** Available in 25kg, 50kg, and 1-ton jumbo bags.
- **Customized Orders:** Tailored sizes and packaging upon request.

