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## **DENSITY BASKET AZA0978**

The AZA0978 Density Basket is a precision-engineered testing accessory designed for determining the specific gravity (relative density) and water absorption of coarse aggregates.

Manufactured from high-quality stainless steel mesh, the basket is specifically designed for submerged weighing operations, ensuring accurate and repeatable results in accordance with standard testing procedures.

Compliant with IS 2386 (Part III), ASTM C127, and BS 812, the AZA0978 is an essential tool for concrete mix design, aggregate quality control, and material performance evaluation.

### **Key Functional Features**

#### High-Quality Stainless Steel Mesh

- Corrosion-resistant and rust-free
- Suitable for continuous immersion in water

#### Optimized Mesh Aperture

- Standard 6.3 mm openings
- Allows:
  - Free water flow
  - Proper drainage
  - Stable submerged weighing

#### Strong Suspension Hook

- Welded stainless steel hook
- Ensures secure attachment to:
  - Digital balances
  - Hydrostatic weighing setups

#### Smooth Welded Edges

- Prevents damage to aggregate particles
- Improves handling safety





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**TECHNICAL SPECIFICATION**

<b>Parameter</b>	<b>Specification</b>
Model	AZA0978
Product Type	Density Basket
Material	Stainless Steel Mesh
Basket Diameter	Approx. 200 mm
Basket Height	Approx. 200 mm
Mesh Aperture	6.3 mm (standard) / Customizable
Suspension Hook	Welded Stainless Steel
Weight	Approx. 1.5 – 2.5 kg
Standards	IS 2386 (Part III), ASTM C127, BS 812

**Standards Compliance**

The AZA0978 conforms to:

- IS 2386 (Part III) – Specific gravity and water absorption
- ASTM C127 – Specific gravity of coarse aggregates
- BS 812 – Aggregate testing standards

Ensuring globally accepted and standardized test results.