



Bitumen 60/70 Technical Specification

Property	Test Method	Specification
Penetration @ 25°C, 100g, 5s	ASTM D5 / EN 1426	60–70 dmm
Softening Point (Ring & Ball)	ASTM D36 / EN 1427	49–56°C
Ductility @ 25°C	ASTM D113	Min. 100 cm
Flash Point (Cleveland Open Cup)	ASTM D92	Min. 230°C
Solubility in Trichloroethylene	ASTM D2042	Min. 99.0%
Loss on Heating (TFOT)	ASTM D6	Max. 0.5 wt%
Penetration after Heating (Retained Penetration)	ASTM D5	Min. 54% of original
Ductility after Thin Film Oven Test @ 25°C	ASTM D113	Min. 50 cm
Specific Gravity @ 25°C	ASTM D70	1.01–1.06 g/cm ³
Water Content	ASTM D95	Max. 0.2 wt%
Spot Test	AASHTO T102	Negative

Typical Appearance

- **Color:** Black
- **Physical State:** Solid to semi-solid at ambient temperature
- **Odor:** Mild petroleum odor
- **Surface:** Smooth and homogeneous, free from visible impurities

Typical Applications

- Asphalt pavement
- Highways and expressways
- Airport runways
- Bridge decks
- Urban roads
- Roofing systems
- Waterproofing membranes
- Industrial flooring
- Asphalt concrete production
- Pavement maintenance and repair

Packing Options

- New Steel Drum: 180 ± 3 kg
- Used Steel Drum: 180 ± 3 kg
- Jumbo Bag: 300 kg, 500 kg, 1 MT
- Poly Bag: 25 kg
- Meltable Bag: 25 kg
- Bitutainer: 20–25 MT
- Bulk Tanker: 20–30 MT

Storage

Store in clean, dry tanks away from moisture and direct sunlight. Maintain the product at the lowest practical temperature for pumping, typically 150–170°C, and avoid prolonged heating above 180°C to minimize aging and oxidation.