



Technical Data Sheet (TDS)

Cutback Bitumen MC-30

Product Name: Cutback Bitumen MC-30

Standard: ASTM D2027 / AASHTO M82 (Medium-Curing Cutback Asphalt)

Technical Specifications

Property	Specification	Test Method
Kinematic Viscosity @ 60°C	30–60 mm ² /s (cSt)	ASTM D2170
Flash Point (Cleveland Open Cup)	Min. 38°C	ASTM D92
Distillation to 225°C	Max. 35% (Vol.)	ASTM D402
Distillation to 260°C	30–75% (Vol.)	ASTM D402
Distillation to 316°C	75–95% (Vol.)	ASTM D402
Residue from Distillation to 360°C	Min. 50% (Vol.)	ASTM D402
Viscosity of Residue @ 60°C	30–120 Pa·s	ASTM D2171
Ductility of Residue @ 25°C	Min. 100 cm	ASTM D113
Solubility in Trichloroethylene	Min. 99.0%	ASTM D2042
Water Content	Max. 0.2%	ASTM D95

These values are the standard specification limits for MC-30 under ASTM D2027.

Typical Properties

Property	Typical Value
Appearance	Black liquid
Base Material	Petroleum bitumen with kerosene solvent
Density @ 25°C	0.90–0.98 g/cm ³
Solubility	Insoluble in water
Application Temperature	Ambient temperature
Drying Mechanism	Solvent evaporation

Applications

- Prime coat for granular road bases
- Surface preparation before asphalt paving
- Dust control
- Penetration treatment
- Road maintenance
- Cold asphalt mixtures



Packaging

- New Steel Drum: 200 kg
- Reconditioned Steel Drum: 200 kg
- IBC Tank: 1 MT
- Bulk Tanker

Storage

- Store in tightly closed containers.
- Keep away from heat, sparks, and open flames.
- Store in a cool, dry, and well-ventilated area.
- Protect from direct sunlight.
- Recommended storage temperature: below 40°C.

Shelf Life

24 months in unopened original packaging under recommended storage conditions.