Basekim
Chemical Production Co.Ltd

Cutback Bitumen MC 250 TDS

Product Description

Cutback Bitumen MC 250 is a medium-curing cutback asphalt produced by blending penetration-grade bitumen with a suitable petroleum distillate. The solvent lowers the binder viscosity and improves handling, spraying, aggregate coating, and mixing during road construction and maintenance applications.

MC 250 provides higher viscosity than lighter medium-curing grades such as MC 70, while still offering practical workability at application temperature.

Technical Specifications

Property	Test Method	Unit	Specification
Kinematic Viscosity at 60°C	ASTM D2170	mm^2/s	250–500
Flash Point, Tag Open Cup	ASTM D3143 / Applicable Method	°C	Min. 66
Distillate to 225°C	ASTM D402	Vol. %	Max. 20
Distillate to 260°C	ASTM D402	Vol. %	5–55
Distillate to 316°C	ASTM D402	Vol. %	60–90
Residue from Distillation to 360°C	ASTM D402	Vol. %	Min. 67
Viscosity of Distillation Residue at 60°C	ASTM D2171	Pa·s	30–120
Ductility of Residue at 25°C	ASTM D113	cm	Min. 100
Solubility in Trichloroethylene	ASTM D2042	%	Min. 99
Water Content	ASTM D95	%	Max. 0.2

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Typical Physical Properties

Property	Typical Information
Product Name	Cutback Bitumen MC 250
Product Type	Medium-Curing Cutback Bitumen
Appearance	Black to Dark Brown Viscous Liquid
Odor	Petroleum / Hydrocarbon
Physical State	Liquid
Kinematic Viscosity at 60°C	250–500 mm^2/s
Flash Point	Min. 66°C
Density	Batch and Temperature Dependent
Water Solubility	Insoluble
Curing Type	Medium Curing
Main Binder	Petroleum Bitumen
Diluent	Suitable Petroleum Distillate

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