



TDS – Chinese Grade Bitumen AH 110

Product Information

Item	Description
Product Name	Chinese Grade Bitumen AH 110
Product Type	Paving Grade / Penetration Grade Bitumen
Appearance	Black homogeneous semi-solid material
Main Use	Road paving and asphalt production
Supplier	Basekim

Typical Technical Specifications

Property	Test Method	Typical Specification
Penetration at 25°C, 100 g, 5 sec	ASTM D5 / GB method	100–120 dmm
Softening Point, Ring & Ball	ASTM D36 / GB method	43–52°C
Ductility at 15°C	ASTM D113 / GB method	Min. 100 cm
Flash Point, COC	ASTM D92	Min. 230°C
Solubility in Trichloroethylene	ASTM D2042	Min. 99.0%
Density at 25°C	ASTM D70	Approx. 1.00–1.05 g/cm ³
Wax Content	Applicable GB method	Max. 3.0%
Loss on Heating	ASTM D6 / equivalent	Max. 0.8%
Penetration Ratio After Heating	Applicable GB method	Min. 55%
Water Content	ASTM D95	Max. 0.2%

Product Characteristics

Chinese Grade Bitumen AH 110 provides a relatively soft consistency and good flexibility. Therefore, contractors can use it in suitable asphalt mixtures where the pavement design requires higher penetration and workable binder characteristics.

Key characteristics include good aggregate adhesion, high ductility, controlled softening behavior, low water solubility, and reliable performance in properly designed flexible pavements.

Main Applications

AH 110 commonly serves in:

- Hot mix asphalt production
- Road construction



- Flexible pavement systems
- Asphalt maintenance mixtures
- Highway and urban road projects
- Selected infrastructure applications

Packaging

Basekim can supply **Chinese Grade Bitumen AH 110** according to project and destination requirements. Common options may include steel drums, jumbo bags, or bulk supply where available.

Storage

Store the product in clean and dry bitumen tanks or approved containers. Prevent contact with water, fuels, solvents, and other contaminants. In addition, avoid excessive heating because prolonged high temperatures can accelerate oxidation and reduce product quality.

Important Note

The values above represent **typical reference specifications**, not a batch-specific certificate. Actual limits can vary according to the applicable Chinese GB standard, refinery source, customer specification, and production batch. Buyers should use the final **COA and approved TDS** for contractual acceptance.