



BITUMEN 35/50

DESCRIPTION

This grade of Bitumen is mainly used in the manufacture of hot mix asphalt for bases and wearing courses. Penetration Grade bitumen are specified by the penetration and softening point test. Designation is by penetration range only. The penetration grade bitumen has a thermoplastic property which causes the material to soften at high temperatures and to harden at lower temperatures. This unique temperature/viscosity relationship is important when determining the performance parameters such as the adhesion, rheology, durability and application temperatures of bitumen.

APPLICATIONS

The main common usage of this product is in road construction and for the production of asphalt pavements with superior properties.

HEALTH & SAFETY

The MSDS for this product can be obtained on request.

QUALITY SPECIFICATIONS

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CHARACTERISTIC	LIMIT	TEST METHOD	
Penetration @25 °C, 0.1 mm	35/50	BS EN 1426	ASTM D 5
Viscosity @60 °C, Pa.s, Min	225	BS EN 12596	ASTM D 4402
Viscosity @135 °C, CST, Min	370	BS EN 12595	ASTM D 4402
Specific Gravity @25 °C	Report	BS EN 15326	ASTM D 70
Softening Point, °C	50-58	BS EN 1427	ASTM D 36
Flashpoint, °C, Min	240	BS EN 22592 ISO 2592	ASTM D 92

