

TECHNICAL DATA SHEET

OXIDIZED (BLOWN) BITUMEN R10/20

Description

Oxidized Bitumen is produced by either Continuous or Staggered Blowing Process. Heated Penetration Grade Bitumen under controlled environment is blown with air which controls the Oil Content in the Bitumen while it oxidized. The different grades for suited applications produced are designated by two numbers to indicate the mid-points of their softening point and penetration ranges.

Technical Data

PROPERTY	STANDARD	
	BITUMEN R 10/20	METHOD
Relative Density at 25°C, g/ml	1.00-1.06	ASTM D70
Softening Point (Ring and Ball), °C	90 MIN	ASTM D36
Penetration at 25 deg C, 0.1 mm	10-20	ASTM D5
Flash Point (Cleveland open Cup), °C	200	ASTM D92
Loss on heating % by mass	0.5	ASTM D6
Ductility at 25 deg C cm, min	2	ASTM D113
Solubility in toluene % wt min	99	EN 12592:2000

Applications

Oxidized Bitumen has a wide variety of industrial applications Roof Felts i.e., Water Proofing for Roof & Floors, Anti Rust Pipe Coating, Anti Slip Layer Compound for Piling, Sound Dampening Felts, Under Carriage Sealant and Coats in the Automotives, Electrical Cable Joint Protection (Fillers), Joint Filling Compounds, Sealants, Bituminous Marine Mastic for the Oil & Gas Industry and many more in our day to day life.

Packing

Steel drums, 200kg Steel Drums, 20 & 50 Kg Kraft Paper Bag, 20 & 50 Kg Poly bags.

Health & Safety

- Contains petroleum distillate; flammable: keep away from open fire, sparks or other ignition sources; wear protective clothing, gloves and goggles.
- Skin –avoid repeated or prolonged contact, if occurs remove with hand cleaner that removes oil or grease, then clean with soap and water
- Eyes contact could cause irritation, if contact occurs flush immediately with clean water