

## **SPECIFICATION OF OXIDISED BITUMEN 105/15**

### **GENERAL DESCRIPTION OF OXIDIZED BITUMEN 105/15**

OXIDIZED BITUMEN 105/15 IS SEMI SOLID OXIDISED GRADE OF PURE PETROLEUM BITUMEN CATEGORIZED IN POLYCYCLIC AROMATIC HYDROCARBONS IS NORMALLY USED FOR DIFFERENT PURPOSES IN THE CONSTRUCTION BUSINESS.

### **USES OF OXIDIZED ASPHALT 105/15**

OXIDISED ASPHALT 105/15 USES IN THE CHEMICAL, FUEL, PAINTS, LACQUERS, VARNISHES, PAPER-PULP-BOARD, TEXTILE PROCESSING, ROAD CONSTRUCTION;PAVMENT ,CRACK SEAL AND REPAIRMENT, CIVIL WORKS, ROOFING, CONSTRUCTION INDUSTRIES; SEALING AND INSULATING BUILDINGS, ADHESIVE, CONSTRUCTION MATERIALS ADDITIVE, DUST-BINDING, COATING, INSULATING AND IMPREGNATING AGENT, MAKE RUBBER AND PLASTIC PRODUCTS. THE BLOWN ASPHALT 105/15 PRODUCTS ARE FOR PAVING,ROOFING; ALSO USED IN ASPHALT BASED PAINTS FOR CORROSION PROTECTION OF METALS, IN LINING PUBLIC WORKS STRUCTURES, ADHESIVES IN ELECTRICAL LAMINATES, BASE FOR SYNTHETIC TURF; TYPICAL USES FOR OXIDIZED ASPHALT 105/15 INCLUDE ROOFING, PIPE COATING, PORTLAND CEMENT PAVEMENT, HYDRAULIC APPLICATIONS, PAINT MANUFACTURING.

### **PACKING OF BLOWN ASPHALT 105/15**

THE ATDM IS MANUFACTURER OF BLOWN ASPHALT 105/15 IN VARIOUS PACKING INCLUDING KRAFT BAG, MELTABLE PLASTIC BAG, DRUM AND BULK BLOWN ASPHALT 105/15 FROM PENETRATION GRADE



BITUMEN, WHICH IS BLOWN BY HOT AIR IN A CONTROLLED PROCESS UNTIL THE DESIRED SPECIFICATION IS REACHED. THE ATDM OXIDISED BITUMEN 105/15 CAN BE SUPPLIED IN ANY GRADE AND ARE DESIGNATED BY TWO NUMBERS TO INDICATE THE SOFTENING POINT AND PENETRATION RANGES. THE OXIDIZED ASPHALT GRADE 105/15 MEANS SOFTENING POINT IS 105°C AND PENETRATION IS 15 DESIMILLIMETER IS PRODUCED IN COMPLIANCE AND CONFORMITY TO ASTM STANDARD AND MEETS THE FOLLOWING SPECIFICATION.

#### **GUARANTY/WARRANTY OF BLOWN BITUMEN 105/15**

ATDM GUARANTY THE QUALITY OF BLOWN BITUMEN 105/15 WITH ARRANGEMENT OF INTERNATIONAL INSPECTOR TO CHECK QUALITY AND QUANTITY OF THE BITUMEN ON EACH SHIPMENT DURING THE LOADING TO VESSEL AND CONTROLLING THE PRODUCTION BY QC TEAM VIA BATCH TEST REPORT BEFORE SHIPPING. ATDM GUARANTY THE QUALITY TO MEET WITH ASTM/EN 13304:2009.

#### **ANALYSIS OF BITUMEN 105/15**

<b>BITUMEN 105/15</b>	<b>SPECIFICATION</b>	<b>TEST METHOD ASTM/EN13304</b>
SPECIFIC GRAVITY @ 25/25 CG	1.01/1.06	D-70
PENETRATION @ 25 C	10/20	D-5
SOFTENING POINT C	100/110	D-36
LOSS ON HEATING(WT) %	0.2 MAX	D-6
FLASH POINT C	250 MIN	D-92
SOLUBILITY IS CS2(WT) %	99.5 MAX	D-4
SPOT TEST	NEGATIVE	A.A.S.H.O.T102

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#### **OUR APPROVALS**

