



SPECIFICATION OF PENETRATION BITUMEN 20/30

GENERAL DESCRIPTION OF BITUMEN 20/30

ATDM BITUMEN PENETRATION GRADE 20/30 IS SPECIAL GRADE OF BITUMEN AND AVAILABLE IN BULK, DRUM AND BAG WITH VOLUME OF 1000MT DAILY USING AS A PAVING GRADE BITUMEN SUITABLE FOR ROAD CONSTRUCTION AND REPAIR ALSO FOR THE PRODUCTION OF ASPHALT PAVEMENTS WITH BELOW TECHNICAL SPECIFICATION. THIS GRADE OF BITUMEN IS MAINLY USED IN THE MANUFACTURE OF HOT MIX ASPHALT FOR BASES AND WEARING COURSES. PENETRATION GRADE BITUMEN SUPPLIED BY ATDM IS PURE PETROLEUM GRADE BITUMEN, MANUFACTURED FROM VACUUM BOTTOM BY PASSING HOT AIR. THE BITUMEN SUPPLIED BY ATDM IS PRODUCED FROM REMAIN OF CRUDE OIL AFTER CRACKING AND REMOVING HYDROCARBON. PENETRATION GRADE BITUMEN 20/30 HAS PENETRATION BETWEEN 20~30 DESI-MILLIMETER AND SOFTENING POINT BETWEEN 55 ~ 63 C. THE PENETRATION GRADE BITUMEN 20/30 HAS A THERMOPLASTIC PROPERTY WHICH IS LIKE AS SYNTHETIC RESIN MATERIAL WHICH GETS SOFTER WITH HEATING AND HARDENS WHEN COOLED. THIS GRADE OF BITUMEN 20/30 HAS VERY GOOD VISCOSITY COMPARE TO OTHER GRADS.

GUARANTY/WARRANTY OF BITUMEN 20/30

ATDM GUARANTY THE QUALITY OF BITUMEN 20/30 WITH ARRANGEMENT OF INTERNATIONAL INSPECTOR TO CHECK QUALITY AND QUANTITY OF THE BITUMEN DURING THE LOADING TO VESSEL AND CONTROLLING THE PRODUCTION BY QC BY BATCH

TEST REPORT BEFORE SHIPPING. ATDM GUARANTY THE QUALITY TO MEET WITH ASTM/EN 12591.

BITUMEN 20/30	SPECIFICATION	TEST METHOD
SPECIFIC GRAVITY @ 25/25 CG	1.01/1.06	D-70
PENETRATION @ 25 C	20/30	D-5
SOFTENING POINT C	55/63	D-36
DUCTILITY @25 C	100 MIN	D-113
LOSS ON HEATING(WT) %	0.2 MAX	D-6
DROP IN PENETRATION AFTER HEATING %	20 MAX	D-6 D-5
FLASH POINT C	250 MIN	D-92
SOLUBILITY IS CS ₂ (WT) %	99.5 MAX	D-4
SPOT TEST	NEGATIVE	A.A.S.H.O.T102

OUR APPROVALS

