



SPECIFICATION OF PENETRATION BITUMEN 60/70

GENERAL DESCRIPTION OF BITUMEN 60/70

ATDM BITUMEN PENETRATION GRADE 60/70 IT IS THE MOST COMMON GRADE OF BITUMEN WHICH IS USING IN WORLWIDE BITUMEN MARKET AS AN ADHESIVE, SEALANT, WATERPROOFING AGENT, DAMP PROOF, CONSTRUCTION AND MAINTENANCE OF ROAD, AIRFIELDS AND ALL AREA OF AAND POOL LININH, SOUND PROOF AND ACUSTIQUE, PIPE COATING AND PAING ALONG WITH OTHER THOUSANDS APPLICATION 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 60/70 HAS PENETRATION BETWEEN 60~70 DESI-MILLIMETER AND SOFTENING POINT BETWEEN 48 ~ 52 C. THE PENETRATION GRADE BITUMEN 60/70 HAS A THERMOPLASTIC PROPERTY WHICH IS LIKE AS SYNTHETIC RESIN MATERIAL WHICH GETS SOFTER WITH HEATING AND HARDENS WHEN COOLED. THIS GRADE OF BITUMEN 60/70 HAS VERY STRONG VISCOSITY COMPARE TO OTHER GRADS.

GUARANTY/WARRANTY OF BITUMEN 60/70

ATDM GUARANTY THE QUALITY OF BITUMEN 60/70 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 60/70	SPECIFICATION	TEST METHOD
SPECIFIC GRAVITY @ 25/25 CG	1.01/1.06	D-70
PENETRATION @ 25 C	60/70	D-5
SOFTENING POINT C	48/52	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 CS2(WT) %	99.5 MAX	D-4
SPOT TEST	NEGATIVE	A.A.S.H.O.T102

OUR APPROVALS

