

Specification of Bitumen 85/100

General of Bitumen 85/100

BITUMEN 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 85/100

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.

Analysis	Unit	Limit	Test Method
Density@25°C	kg/m ³	1000-1050	ASTM D70orD3289
Penetration@25°C	Mm/10	85-100	ASTM D5
Softening Point	°C	45-52	ASTM D36
Ductility@25°C	cm	100min	ASTM D113
Loss on heating	Wt%	0.5max	ASTM D6
Drop in penetration after heaing	%	20max	ASTM D5
Flash point	°C	232min	ASTM D92
Solubility in Trichloroethylene	wt%	99.0min	ASTM D2042
Spot test	--	Negative	A.A.S.H.O.T 102
Viscosity@60°C	P	1000+/-200	ASTM D2171
Viscosity@135°C	cSt	250min	ASTM D2170
Test on Residue From Thin Fllm Oven Test(ASTM D1754)			
Retained Penetration (T.F.O.T),%	%	50min	ASTM D5
Ductility,(25°C),5cm/min ,cm after TFOT	cm	75	ASTM D113
Viscosity@60°C	p	5000 max	ASTM D2171

