



SPECIFICATION OF BITUMEN AH-90

SPECIFICATION	UNIT	VALUE	TEST METHOD
Penetration, 25°C	1/10 Millimetres (mm)	80-100	ASTM D5
Softening Point	Degree Celsius (°C)	42-52	ASTM D36
Density, 25°C	Kilogram per Cubic Meter (kg/m ³)	1.000 min	ASTM D71/D3289
Ductility, 25°C	Centimetres per Second (cm/s)	100 min	ASTM D113
Loss On Heating	Weight Percentage (WT%)	0.5 Max	ASTM D6
Drop-in Penetration After Heating	Percentage (%)	20 Max	ASTM D6805
Flash Point (Cleveland Open Cup)	Degree Celsius (°C)	225 min	ASTM D92
Solubility in Trichloroethylene	Weight Percentage (WT%)	99 min	ASTM D2042
Loss of Weight	Percentage (%)	0.8 max	ASTM D1754
Retained Penetration After Thin Film	Percentage (%)	50 min	ASTM D5
Ductility 25°C After Thin Film Oven	Centimetres per Second (cm/s)	100 min	ASTM D113
Ductility 15°C After Thin Film Oven	Centimetres per Second (cm/s)	100 min	ASTM D113
Temperature	Degree Celsius (°C)	Max 90-110 above the Soft	
Bitumen Content	Percentage (%)	99.9 min	ASTM D4