



Bitumen Penetration Grade 60/70

Bitumen 60/70 is a standard penetration grade bitumen usually used as a paving grade bitumen suitable to be used in producing hot mix asphalt for the production of hot mix asphalt for bases and pavements and for road construction.

TECHNICAL SPECIFICATION

Analysis	Unit	Limit	Test Method
Density @ 25°C	kg/m ³	1010-1060	ASTM D70 or D3289
Penetration @ 25°C	mm/10	60-70	ASTM D5
Softening Point	°C	49-56	ASTM D36
Ductility @ 25°C	cm	100 min	ASTM D113
Loss on heating	wt%	0.2 max	ASTM D6
Drop in penetration after heating	%	20 max	ASTM D5
Flash point	°C	232 min	ASTM D92
Solubility in Trichloroethylene	wt%	99.0 min	ASTM D2042
Spot test	---	Negative	A.A.S.H.O.T 102
Viscosity @ 60°C	P	2000±400	ASTM D 2171
Viscosity @ 135°C	cSt	300 min	ASTM D 2170
Test on Residue From Thin Film Oven Test (ASTM D1754)			
Retained Penetration after (T.F.O.T) , %	%	54 min	ASTM D5
Ductility , (25 °C),5cm/min , cm after TFOT	cm	50	ASTM D113
Viscosity @ 60°C	P	10000 max	ASTM D 2171