

Faraz Oil Different bitumen penetration Grades

Characteristics	Unit	Specification					Test Method
		30/40	50/70	100/120	160/220	200/300	
Specific gravity @25 °C	gr/cm ³	1.01-1.06	1.01-1.06	1.01-1.04	1.01-1.06	1.01±0.05	ASTM D-70
Penetration @ 25 °C	0.1 mm	30-40	50-70	100-120	160-220	200-300	ASTM D-5
Softening Point (R &B)	°C	55-63	46-54	42-49	35-43	34-41	ASTM D-36
Ductility @ 25 °C	Cm	100	100.0	100.0	100.0	100.0	ASTM D-113
Loss on heating, Max	% wt	0.2	0.2	0.2	0.2	1.3	ASTM D-6
Drop in Penetration after heating, Max	%	20	20.0	20.0	20.0		ASTM D-6 & D-5
Flash Point. Min	°C	250	230	250	220	177	ASTM D-92
Solubility in CS ₂	% wt	99.5	99	99.5	99	99	ASTM D-4
Spot test	-	Negative	Negative	Negative	Negative	Negative	*A.A.S.H.O.T.102