

Certificate of Analysis

Product Name: Bitumen 40/50

Row	Property/Description of Test		National Iran	ASTM	Acceptable Range	
					Min	max
1	Density	25°C	3872	ASTM D 70	1.01	1.06
2	Penetration (0.1mm)	25°C,100g,5s	2950	ASTM D 50	40	50
3	Flash Point	°C	1175	ASTM D 92	232	-
4	Ductility Point	25°C,5cm,per,minute	3866	ASTM D 113	100	-
5	Softening Point	°C	3868	ASTM D 36	-	-
6	Solubility	In Trichloroethylene	2953	ASTM D 2042	99	100
7	Effects of heat and Air(TFOT)%	163°C,5hr	2957	ASTM D 1754	-	0/8
8	Spot Test	Xylene-Heptane	2949	-	Negative	
9	Penetration (0.1mm)After TFOT)%	25°C,100g,5s	2950	ASTM D 5	-	-
10	Retained Penetration (% of Original)	25°C,100g,5s	2950	ASTM D 5	58	-
11	Ductility (cm)After TFOT	25°C,5cm per minute	3866	ASTM D 113	-	-

Best Regards,



Mr. Sai Prasad
Managing Director