



VG 30

BITUMEN SPECIFICATION

Viscosity Grade Analysis

Specification	Acceptable Range	Result	Test Method	Explanations
Absolute Viscosity	Min 2400	2486	ASTM – D4402	at 60°c , Poises
Kinematic Viscosity	Min 350	378	ASTM – D4402	at 135°c , c.st
Ductility	Min 100	>100	ASTM – D113	at 25°c , cm
Solubility	99.0 Min	99.8	ASTM – D2042	in CCL4 , %
Specific Gravity	1.01-1.06	1.014	ASTM – D70	at 25°c
Spot Test	Negative	Negative	T102	in Naphtha
Flash Point	220 Min	342	ASTM – D92	°c
Penetration	50-70	66	ASTM – D5	at 25°c , mm/10
Softening Point	Min 47	49.5	ASTM – D36	°c
Test on Residue From Thin Film Oven Test (T.F.O.T)				
Raito Viscosity	Max 4.0	2.1	ASTM – D4402	at 60°c , %
Ductility	Min 40	63	ASTM – D113	at 25°c , cm