



ROYAL GLOBAL ENERGY

RGE's core business Oil, Gas, Refining and Petrochemicals

Bitumen VG 40

Specification	Unit	Value	Test Method
Absolute Viscosity, at 60 °C	Poise	Min 3200	ASTM D4402
Kinematic Viscosity, at 135 °C	CST	Min 400	ASTM D2170
Flash Point	°C	Min 220	ASTM D93
Solubility in Trichloroethylene	%wt	Min 99	ASTM D2042
Penetration Value, at 25 °C	0.1mm	40-60	ASTM D5
Softening Point	°C	Min 25	ASTM D36
Thin-Film Oven Test (TFOT)			
Viscosity Ratio, at 60 °C	°C	Max 4	ASTM D4402
Ductility at 25 °C, after thin film oven test	cm	Min 25	ASTM D113