

## The Analysis of Bitumen SC30

Properties	Min.	Max.	Test Method
Kinemalic 1 Viscosity at 60°C, EST	30	60	ASTM D2170
Flash Point (Tag Open-Cup), °C	65	–	ASTM D1310
Distillate Test 2:	–	–	–
<b>Distillate, Percent by Volume of Total 360°C</b>			
To 190°C	–	–	ASTM D402
To 225°C	–	–	ASTM D402
To 260°C	–	–	ASTM D402
To 316°C	10	30	ASTM D402
<b>Residue From Distillation to 60°C:</b>	<b>250</b>	<b>5000</b>	
Test on Residue From Distillation Penetration at 25°C, 100g, 5 Sec.	50	–	–
Ductility 3 at 25°C, CM	100	–	ASTM D402/ASTM D113
Solubility in Trichloroethylene, Percent Mass	100	–	ASTM D402 / ASTM D2024
Water, Percent Volume	–	0.2	ASTM D95

### Properties of Cutback Bitumen SC70

Properties	Min.	Max.	Test Method
Kinemalic 1 Viscosity at 60°C, EST	70	140	ASTM D2170
Flash Point (Tag Open-Cup), °C	65	–	ASTM D1310
Distillate test 2:	–	–	–
<b>Distillate, Percent by Volume of Total 360°C</b>			
To 190°C	–	–	ASTM D402
To 225°C	–	–	ASTM D402
To 260°C	–	–	ASTM D402
To 316°C	10	30	ASTM D402
<b>Residue From Distillation to 360°C:</b>	<b>400</b>	<b>7000</b>	
Test on Residue From Distillation Penetration at 25°C, 100g, 5 Sec.	50	–	–
Ductility 3 at 25°C, cm	100	–	ASTM D402/ASTM D113
Solubility in Trichloroethylene, Percent Mass	100	0.2	ASTM D402 / ASTM D2024
Water, Percent Volume	–	–	ASTM D95

### Analysis of Bitumen SC250

Properties	Min.	Max.	Test Method
Kinemalic 1 Viscosity at 60°C, EST	250	500	ASTM D2170
Flash Point (Tag Open-Cup), °C	80	–	ASTM D1310
Distillate test 2:	–	–	–
<b>Distillate, Percent by Volume of Total 360°C</b>			
To 190°C	–	–	ASTM D402
To 225°C	–	–	ASTM D402
To 260°C	–	–	ASTM D402
To 316°C	4	20	ASTM D402
<b>Residue From Distillation to 360°C:</b>	<b>800</b>	<b>10000</b>	
Test on Residue From Distillation Penetration at 25°C, 100g, 5 Sec.	60	–	–
Ductility 3 at 25°C, cm	100	–	ASTM D402/ASTM D113
Solubility in Trichloroethylene, Percent Mass	100	0.2	ASTM D402 / ASTM D2024
Water, Percent Volume	–	–	ASTM D95