

Analysis of Bitumen RC30

Properties	Min.	Max.	Test Method
Kinematic 1 Viscosity at 60°C, EST	30	60	ASTM D2170
Flash Point (Tag Open-Cup), °C	–	–	ASTM D1310
Distillate test 2:	–	–	–
Distillate, Percent by Volume of Total 360°C			
To 190°C	15	–	ASTM D402
To 225°C	55	–	ASTM D402
To 260°C	75	–	ASTM D402
To 316°C	90	–	ASTM D402
Residue From Distillation to 360°C:			
Test on Residue From Distillation Penetration at 25°C, 100g, 5 Sec.	80	120	–
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

Analysis of Bitumen RC70

Properties	Min.	Max.	Test Method
Kinemalic 1 Viscosity at 60°C, EST	70	140	ASTM D2170
Flash Point (Tag Open-Cup), °C	–	–	ASTM D1310
Distillate test 2:	–	–	–
Distillate, Percent by Volume of Total 360°C			
To 190°C	10	–	ASTM D402
To 225°C	50	–	ASTM D402
To 260°C	70	–	ASTM D402
To 316°C	85	–	ASTM D402
Residue From Distillation to 360°C:			
Test on Residue From Distillation Penetration at 25°C, 100g, 5 Sec.	55	–	–
Ductility 3 at 25°C, cm	80	120	ASTM D402/ASTM D113
Solubility in Trichloroethylene, Percent Mass	100	–	ASTM D402 / ASTM D2024
Water, Percent Volume	–	0.2	ASTM D95

Analysis of Bitumen RC250

Properties	Min.	Max.	Test Method
Kinematic 1 Viscosity at 60°C, EST	250	500	ASTM D2170
Flash Point (Tag Open-Cup), °C	27	–	ASTM D1310
Distillate test 2:	–	–	–
Distillate, Percent by Volume of Total 360°C			
To 190°C	–	–	ASTM D402
To 225°C	35	–	ASTM D402
To 260°C	60	–	ASTM D402
To 316°C	80	–	ASTM D402
Residue From Distillation to 360°C:			
Test on Residue From Distillation Penetration at 25°C, 100g, 5 Sec.	80	120	–
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

Cutback Asphalt RC800			
Properties	Min.	Max.	Test Method
Kinematic 1 Viscosity at 60°C, EST	800	1600	ASTM D2170
Flash Point (Tag Open-Cup), °C	66	–	ASTM D1310
Distillate test 2:	–	–	–
Distillate, Percent by Volume of Total 360°C			
To 190°C	–	–	ASTM D402
To 225°C	–	–	ASTM D402
To 260°C	–	35	ASTM D402
To 316°C	45	80	ASTM D402
Residue From Distillation to 360°C:			
Test on Residue From Distillation Penetration at 25°C, 100g, 5 Sec.	50	–	–
Ductility 3 at 25°C, cm	120	250	ASTM D402/ASTM D113
Solubility in Trichloroethylene, Percent Mass	100	–	ASTM D402 / ASTM D2024
Water, Percent Volume	–	0.2	ASTM D95