



JORDAN PETROLEUM REFINERY CO. LTD.

Laboratories & Quality Control Department

Asphalt MC - 70
Specification
QS-PL 118

Title: Specification of Asphalt MC-70¹

S.N	Characteristics		Test Method	Control Limits
1	Kinematic Viscosity @ 60 °C	cSt.	ASTM D2170	70 - 140
2	Flash Point (T.O.C)	°F	ASTM D3143	Min. 100
3	Distillation:		ASTM D - 402	
3.1	Percent Recovered up to 225°C	Volume %		Max. 25
3.2	Percent Recovered up to 260 °C	Volume %		10-70
3.3	Percent Recovered up to 316 °C	Volume %		65 - 93
3.4	Residue from Distillation to 360 °C	Volume %		Min. 55
Tests on Residue from Distillation				
4	Penetration @ 25 °C, 100g, 5sec.	0.1 mm	ASTM D - 5	120 - 300
5	Ductility @ 25 °C, 5cm / min.	cm	ASTM D - 113	Min. 100
6	Solubility in Trichloroethylene	Mass %	ASTM D -2042	Min. 99
7	Water Content	Volume %	ASTM D-95	Max. 0.2

¹ This specification is based on ASTM D 2027 / D2027M - 19 Standard Specification for Cutback Asphalt (Medium Curing Type).



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Asphalt RC - 250
Certificate of Quality
QS-PL 119

Title: Specification of Asphalt RC-250¹

S.N	Characteristics		Test Method	Control Limits
1	Kinematic Viscosity @ 60 °C	cSt.	ASTM D2170	250 - 500
2	Flash Point (T.O.C)	°F	ASTM D3143	Min. 80
3	Distillation :		ASTM D402	
3.1	Percent Recovered up to 190 °C	Volume %		Report
3.2	Percent Recovered up to 225°C	Volume %		Min. 35
3.3	Percent Recovered up to 260 °C	Volume %		Min. 60
3.4	Percent Recovered up to 316 °C	Volume %		Min. 80
3.5	Residue from Distillation to 360 °C	Volume %		Min. 65
Tests on Residue from Distillation				
4	Penetration @ 25 °C, 100g, 5sec.	0.1 mm	ASTM D5	80 - 120
5	Ductility @ 25 °C, 5cm / min.	cm	ASTM D113	Min. 100
6	Solubility in Trichloroethylene	Mass %	ASTM D2042	Min. 99
7	Water Content	Volume %	ASTM D95	Max. 0.2

¹This specification is based on ASTM D 2028/D2028M – 15 (Standards specification for cutback Asphalt, Rapid-Curing Type)



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Asphalt RC - 800
Certificate of Quality
QS-PL 120

Title: Specification of Asphalt RC-800¹

S.N	Characteristics		Test Method	Control Limits
1	Kinematic Viscosity @ 60 °C	cSt.	ASTM D2170	800 - 1600
2	Flash Point (T.O.C)	°F	ASTM D3143	Min. 80
3	Distillation :		ASTM D402	
3.1	Percent Recovered up to 190 °C	Volume %		Report
3.2	Percent Recovered up to 225°C	Volume %		Min. 15
3.3	Percent Recovered up to 260 °C	Volume %		Min. 45
3.4	Percent Recovered up to 316 °C	Volume %		Min. 75
3.5	Residue from Distillation to 360 °C	Volume %		Min. 75
Tests on Residue from Distillation				
4	Penetration @ 25 °C, 100g, 5sec.	0.1 mm	ASTM D5	80 - 120
5	Ductility @ 25 °C, 5cm / min.	cm	ASTM D113	Min. 100
6	Solubility in Trichloroethylene	Mass %	ASTM D2042	Min. 99
7	Water Content	Volume %	ASTM D95	Max. 0.2

¹This specification is based on ASTM D 2028/D2028M – 15 (Standards specification for cutback Asphalt, Rapid-Curing Type).