

**Title: Specification of Asphalt 60-70¹**

S.N	Characteristics		Test Method	Control Limits
1	Penetration at 25°C, 100 g, 5 s	0.1 mm	ASTM D5	60 - 70
2	Flash point, (Cleveland open cup)	°C	ASTM D92	Min. 230
3	Softening point	°C	ASTM D36	Min. 46
4	Ductility at 25°C, 5 cm/min	cm	ASTM D113	Min. 100
5	Solubility in Trichloroethylene	Mass %	ASTM D2042	Min. 99
6	Retained penetration after thin-film oven test	%	ASTM D5	Above 52
7	Ductility at 25°C, 5 cm/min, cm after thin-film oven test	cm	ASTM D113	Min. 50

¹ This Specification is based on Jordanian Technical Regulation for Asphalt-Penetration grade asphalt cement for use in pavement construction # JS612:2019 (2nd edition) dated on 16 September, 2019.

**Title: Specification of Asphalt 85-100¹**

S.N	Characteristics		Test Method	Control Limits
1	Penetration at 25°C , 100 g, 5 s	0.1 mm	ASTM D5	85-100
2	Flash point, (Cleveland open cup)	°C	ASTM D92	Min. 230
3	Softening point	°C	ASTM D36	Min. 42
4	Ductility at 25°C, 5 cm/min	cm	ASTM D113	Min. 100
5	Solubility in Trichloroethylene	Mass %	ASTM D2042	Min. 99
6	Retained penetration after thin-film oven test	%	ASTM D5	Above 47
7	Ductility at 25°C , 5 cm/min, cm after thin-film oven test	cm	ASTM D113	Min. 75

¹ This Specification is based on Jordanian Technical Regulation for Asphalt-Penetration grade asphalt cement for use in pavement construction # JS612:2019 (2nd edition) dated on 16 September, 2019.