Asphalt cements shall conform to the requirements specified in the following table:

		PREMIUM GRADE OF ASPHALT CEMENTS				REGULAR GRADES OF ASPHALT CEMENTS	
TEST CHARACTERISTICS	A.S.T.M. TEST METHODS	120-150(A)	150-200(A)	200-300(A)	300-400(A)	200-300(B)	300-400(B)
Absolute Viscosity, 60°, Pa·s Penetration, 25°C, 100 g. 5 s in dmm Kinematic Viscosity, 135°C, mm²/s Penetration, 25°C, 100g. 5 s in dmm	D2171 D5	The viscosity and penetration values must fall within the area bounded by M to N to B to A to M, plotted as straight lines on a full logarithmic plot (log-log), with the co-ordinates of the points as follows: Point Abs. Visc. Pen. M 230 (2300) 120 N 109 (1090) 120 B 78 (780) 150 A 155 (1550) 150 The viscosity and penetration values must fall within the area bounded by M to N to B to A to M, plotted as straight lines on a full logarithmic plot (log-log), with the co-ordinates of the points as follows: Point Abs. Visc. Pen. M 435 (435) 120 N 305 (305) 120 B 255 (255) 150	The viscosity and penetration values must fall within the area bounded by A to B to C to D to A, plotted as straight lines on a full logarithmic plot (log-log), with the co-ordinates of the points as follows: Point Abs. Visc. Pen. A 155 (1550) 150 B 78 (780) 150 C 50 (500) 200 D 92 (920) 200 The viscosity and penetration values must fall within the area bounded by A to B to C to D to A, plotted as straight lines on a full logarithmic plot (log-log), with the co-ordinates of the points as follows: Point Abs. Visc. Pen. A 360 (360) 150 B 55 (255) 150 C 205 (205) 200	The viscosity and penetration values must fall within the area bounded by M to N to B to A to M, plotted as straight lines on a full logarithmic plot (log-log), with the co-ordinates of the points as follows: Point Abs. Visc. Pen. C 50 (500) 200 D 92 (920) 200 E 45 (450) 300 F 26.5 (265) 300 The viscosity and penetration values must fall within the area bounded by M to N to B to A to M, plotted as straight lines on a full logarithmic plot (log-log), with the co-ordinates of the points as follows: Point Abs. Visc. Pen. C 205 (205) 260 D 285 (285) 200 E 205 (205) 300 E 205 (205) 300	The viscosity and penetration values must fall within the area bounded by M to N to B to A to M, plotted as straight lines on a full logarithmic plot (log-log), with the co-ordinates of the points as follows: Point Abs. Visc. Pen. E 45 (450) 300 F 26.5 (265) 300 G 17 (170) 400 H 27 (270) 400 The viscosity and penetration values must fall within the area bounded by M to N to B to A to M, plotted as straight lines on a full logarithmic plot (log-log), with the co-ordinates of the points as follows: Point Abs. Visc. Pen. E 205 (205) 300 F 150 (205) 300 F 150 (150) 300 G 120 (120) 400	The viscosity and penetration values must fall within the area bounded by M to N to B to A to M, plotted as straight lines on a full logarithmic plot (log-log), with the co-ordinates of the points as follows: Point Abs. Visc. Pen. C 50 (500) 200 J 30 (300) 200 K 17.5 (175) 300 F 27 (270) 300 F 27 (270) 300 The viscosity and penetration values must fall within the area bounded by M to N to B to A to M, plotted as straight lines on a full logarithmic plot (log-log), with the co-ordinates of the points as follows: Point Abs. Visc. Pen. C 205 (205) 200 J 165 (165) 200 K 125 (125) 300	The viscosity and penetration values must fall within the area bounded by A to B to C to D to A, plotted as straight lines on a full logarithmic plot (log-log), with the coordinates of the points as follows: Point Abs. Visc. Pen. F 26.5 (265) 300 K 17.5 (175) 300 L 12 (120) 400 G 17 (170) 400 The viscosity and penetration values must fall within the area bounded by A to B to C to D to A, plotted as straight lines on a full logarithmic plot (log-log), with the coordinates of the points as follows: Point Abs. Visc. Pen. F 150 (150) 300 K 125 300 L 125 300 K 125 300 L 102.5 (102.5) 400
Flash Point, Cleveland Open Cup, min. °C	D92	A 360 (360) 150 205	D 285 (285) 200 205	F 150 (150) 300 175	H 165 (165) 400 175	F 150 (150) 300 175	G 120 (120) 400
Solubility, min. % Tests on Residue from Rolling Thin-Film Oven Test:	D2042 D2872		99.5	99.5	99.5	99.5	99.5
Ratio of Absolute Viscosity of Residue from Rolling Thin-Film Oven Test to Original Absolute Viscosity, Max		4.0	4.0	4.0	4.0	5.0	5.0
Ductility, 25°C, 5 cm/min., cm 15.56°C, 5 cm/min., cm	D113	100 	100 	 100	 100	 100	 100