

PAVING ASPHALT-BITUMEN 60-70 PEN

Material		Typical Name
Asphalt-Bitumen		PG 64/67-22
Specification	Test Property	Guaranteed
AASHTO M20	PEN GRADE	60-70
AASHTO M226	AC GRADE	AC-30
AASHTO M320	PERFORMANCE GRADE (True Grade 69 -26)	PG 64/67
ASTM D-92	Flash Point, COC, °F	520
ASTM D-2171	Viscosity, Absolute, Poise @ 140 °F	2800-3600
ASTM D-2170	Viscosity, Kinematic, cSt @ 275 °F	
ASTM D-5	Penetration, mm/10	60-70
ASTM D-36	Softening Point, °F	
ASTM D-113	Ductility @ 77 °F, mm	150+
AASHTO T-102	Spot Test, (1=POS, 0=NEG)	NEG
AASHTO T-102	24hr Spot Test, (1=POS, 0=NEG)	
AASHTO T-102	35% Xylene Spot Test, (1=POS, 0=NEG)	
AASHTO T-102	24 hr 35% Xylene Spot Test, (1=POS, 2=NEG)	
ASTM D-1754	Mass Loss, TFOT	
Tests on TFOT Residue		
ASTM D-5	Penetration, mm/10	
ASTM D-2171	Viscosity, Absolute, Poise @ 140 °F	
ASTM D-113	Ductility @ 77 °F, mm	
AASHTO T315	DSR, Original (or Fail Temperature)	1.35
AASHTO T315	DSR Test Temperature, Original, °C	67
ASTM D-2872	Mass Loss, RTFOT, %wt.	0.300-0.450
Tests on RTFOT Residue		
ASTM D-113	Ductility @ 77 °F, mm	150+
AASHTO T315	DSR, RTFO Residue (or Fail Temperature)	3.3-4.6
AASHTO T315	DSR Test Temperature, RTFO, °C	64/67
Tests on PAV Residue		
AASHTO T315	DSR, PAV Residue (or Fail Temperature)	3700
AASHTO T315	DSR Test Temperature, PAV, °C	25
AASHTO T313	BBR Test Temperature, °C	-12
AASHTO T313	BBR, Stiffness, Mpa	220
AASHTO T313	BBR, m-value	0.350