

Asphalt, Performance Grade, PG 64 -22

CHARACTERISTIC	UNITS	TEST STANDARD AASHTO 320-10	Specification	
			Min.	Max.
Original Binder				
Flash Point by Cleveland Open Cup	°C	AASHTO T 48	230	-
Brookfield Viscosity 135°C SC4-27 60 rpm	cP	AASHTO T 316	-	3000
Failure Temperature, (G*/senδ=1.0 kPa)	°C	AASHTO T 315	REPORT	
Dynamic Shear at 64°C, (G*/senδ)	kPa	AASHTO T 315	1	-
Phase Angle δ at 64°C	°	AASHTO T 315	REPORT	
Rolling Thin-Film Oven Residue				
Mass Loss (163°C, 85 minutes)	%	AASHTO T 240	-	1
Failure Temperature, (G*/senδ=2.2 kPa)	°C	AASHTO T 315	REPORT	
Dynamic Shear at 64°C, (G*/senδ)	kPa	AASHTO T 315	2.2	-
Phase Angle δ at 64°C	°	AASHTO T 315	REPORT	
Pressure Aging Vessel Residue				
Failure Temperature, (G*senδ=5000 kPa) 1	°C	AASHTO T 315	REPORT	
Dynamic Shear at 25°C, (G*senδ)	kPa	AASHTO T 315	-	5000
Creep Stiffnes at -12°C, 60 s. S(t) ²	MPa	AASHTO T 313	-	300
m(t)-Value at -12°C, 60s. S(t)	-	AASHTO T 313	0.3	-
COMPLIANCE				
PERFORMANCE GRADED ASPHALT BINDER (PG) 64-22				

Notes: ¹ Failure temperature (G*senδ=5000 kPa) is an indicative of the fatigue behavior of the pavement in its last life cycle. It is informative in this report.

² According to ASTM D 6373, footnote "E" from table 1, if the creep stiffness is below 300 MPa, the direct tension test a is not required.