



Conventional Asphalt Specifications Sheet

PROPERTIES	AASHTO	PG 64-10	PG 64-16	PG 70-10
	Test Method			
ORIGINAL BINDER		SPEC	SPEC	SPEC
Flash Point, Minimum °C	T-48	230	230	230
Solubility, Minimum %	T-44	99	99	99
Viscosity at 135 °C,	T-316			
Maximum, Pa's		3.0	3.0	3.0
Dynamic Shear,	T-315			
Test Temp. at 10 rad/s, °C		64	64	70
Minimum G*/sin(Δ), kPa		1.00	1.00	1.00
RTFO Test Aged Binder				
RTFO Test	T-240			
Mass Loss, Maximum, %		1.00	1.00	1.00
Dynamic Shear,	T-315			
Test Temp. at 10 rad/s, °C		64	64	70
Minimum G*/sin(Δ), kPa		2.2	2.2	2.2
Ductility at 25 °C	T-51			
Minimum, cm		75	75	75
PAV Aging,	R-28			
Temperature, °C		100	100	110
RTFO Test and PAV Aged Binder				
Dynamic Shear,	T-315			
Test Temp. at 10 rad/s, °C		31	28	34
Maximum, G*/sin(Δ), kPa		5000	5000	5000
Bending Beam, Creep Stiffness,	T-313			
Test Temperature, °C		0	-6	0
Maximum S-value, Mpa		300	300	300
Minimum M-value		0.300	0.300	0.300

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PROPERTIES	AASHTO	AR-4000	AR-8000
	Test Method		
ORIGINAL BINDER		SPEC	SPEC
Flash Point	T-48		
Minimum, °F		440	440
Solubility	T-44		
Minimum, %		99	99
RTFO Test Aged Binder			
Viscosity			
Absolute, at 140 °F Poise	T-202		
Minimum		3000	6000
Maximum		5000	10000
Kinematic, at 275 °F CST	T-201		
Minimum		275	400
Penetration			
At 77 °F	T-49		
Minimum		25	20
% of Original Penetration			
Minimum		45	50
Ductility at 77 °F	T-51		
Minimum, cm		75	75



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