

LIQUID ASPHALTS

PG 64-22

Product Data Sheet

Typical Analysis and Specifications



Liquid
Asphalts

Last Revised: January 2016

Supply Point: Acheson

	Test	Method	Specification	Test Temperature	Typical Result	Units
Original	Flash Point	T 48	min 230°C		293	°C
	Rotational Viscosity	T 316	max 3000cP	135°C	461	cP
	Dynamic Shear	T 315	min 1.00 kPa	64°C	1.349	kPa
	Predicted Failure				66.50	°C
	Specific Gravity	T 228		15°C	1.023	
RTFO	Mass Change	T 240	max 1.00%	135°C	-0.067	%
	Dynamic Shear	T 315	min 2.20 kPa	64°C	2.787	kPa
	Predicted Failure				65.90	°C
PAV	<i>PAV aging conducted at 90°C as per AASHTO R 28</i>					
	Dynamic Shear	T 315	max 5000 kPa	25°C	3056	kPa
	Predicted Failure				21.32	°C
	Creep Stiffness	T 313	max 300 MPa	-12°C	149	MPa
	m-value	T 313	min 0.300	-12°C	0.362	
	Predicted Failure				-24.36	°C
	Direct Tension Testing					
	Failure Strain	T314	min 1.00%	-30	1.97	%
	Failure Stress	T314		-30	3.22	MPa
	Critical Cracking				-27.00	°C
Laboratory Recommended Ranges				Low	High	
Mixing Temperature Range, Degrees C				152	-	158
Compaction Temperature Range, Degrees C				141	-	146

Also Available



Warm Mix
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Agents

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