

LIQUID ASPHALTS

PG 58-28

Product Data Sheet

Typical Analysis and Specifications



Liquid
Asphalts

Last Revised: March 2016

Supply Point: Acheson

	Test	Method	Specification	Test Temperature	Typical Result	Units
Original	Flash Point	T 48	min 230°C		290	°C
	Rotational Viscosity	T 316	max 3000cP	135°C	320	cP
	Dynamic Shear	T 315	min 1.00 kPa	58°C	1.291	kPa
	Predicted Failure				60.06	°C
	Specific Gravity	T 228		15°C	1.0333	
RTFO	Mass Change	T 240	max 1.00%	135°C	-0.370	%
	Dynamic Shear	T 315	min 2.20 kPa	58°C	3.592	kPa
	Predicted Failure				61.80	°C
PAV	<i>PAV aging conducted at 100°C as per AASHTO R 28</i>					
	Dynamic Shear	T 315	max 5000 kPa	19°C	3490	kPa
	Predicted Failure				16.28	°C
	Creep Stiffness	T 313	max 300 MPa	-18°C	176	MPa
	m-value	T 313	min 0.300	-18°C	0.348	
	Predicted Failure				-31.76	°C
	Direct Tension Strain	T314	Min 1.00%	-18°C	1.93	%
	Direct Tension Stress	T314		-18°C	3.89	MPa
Critical Cracking Temperature	T314			-29.50	°C	
Laboratory Recommended Ranges				Low	High	
Mixing Temperature Range, Degrees C				144	-	151
Compaction Temperature Range, Degrees C				134	-	138

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