

LIQUID ASPHALTS

PG 58-34

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		280	°C
	Rotational Viscosity	T 316	max 3000cP	135°C	370	cP
	Dynamic Shear	T 315	min 1.00 kPa	58°C	1.456	kPa
	Predicted Failure				61.24	°C
	Specific Gravity	T 228		15°C	1.0350	
RTFO	Mass Change	T 240	max 1.00%	135°C	-0.510	%
	Dynamic Shear	T 315	min 2.20 kPa	58°C	4.604	kPa
	Predicted Failure				64.57	°C
PAV	<i>PAV aging conducted at 100°C as per AASHTO R 28</i>					
	Dynamic Shear	T 315	max 5000 kPa	16°C	3603	kPa
	Predicted Failure				13.48	°C
	Creep Stiffness	T 313	max 300 MPa	-24°C	243	MPa
	m-value	T 313	min 0.300	-24°C	0.326	
	Predicted Failure				-35.65	°C
	Direct Tension Strain	T314	Min 1.00%	-24°C	1.44	%
	Direct Tension Stress	T314		-24°C	4.50	MPa
Critical Cracking Temperature	T314			-34.40	°C	
Laboratory Recommended Ranges				Low	High	
Mixing Temperature Range, Degrees C				145	-	150
Compaction Temperature Range, Degrees C				134	-	138

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