

LIQUID ASPHALTS

PG 58-40P

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		275	°C
	Rotational Viscosity	T 316	max 3000cP	135°C	380	cP
	Dynamic Shear	T 315	min 1.00 kPa	58°C	1.188	kPa
	Predicted Failure				59.69	°C
	Specific Gravity	T 228		15°C	1.028	
RTFO	Mass Change	T 240	max 1.00%	135°C	-0.752	%
	Dynamic Shear	T 315	min 2.20 kPa	58°C	4.086	kPa
	Predicted Failure				64.54	°C
PAV	<i>PAV aging conducted at 100°C as per AASHTO R 28</i>					
	Dynamic Shear	T 315	max 5000 kPa	13°C	2754	kPa
	Predicted Failure				8.19	°C
	Creep Stiffness	T 313	max 300 MPa	-30°C	282	MPa
	m-value	T 313	min 0.300	-30°C	0.309	
	Predicted Failure				-40.90	°C
	Direct Tension Testing					
	Failure Strain	T314	min 1.00%	-30	1.42	%
	Failure Stress	T314		-30	5.49	MPa
	Critical Cracking				-40.00	°C

Laboratory Recommended Ranges	Low	High
Mixing Temperature Range, Degrees C	149	155
Compaction Temperature Range, Degrees C	138	142

Also Available



Warm Mix
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Anti-Stripping
Agents

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Maintenance



Warm Mix
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