

# LIQUID ASPHALTS

# PG 70-28P

## Product Data Sheet

## Typical Analysis and Specifications



Liquid  
Asphalts

Last Revised: January 2016

Supply Point: Acheson

	Test	Method	Specification	Test Temperature	Typical Result	Units
<b>Original</b>	Flash Point	T 48	min 230°C		297	°C
	Rotational Viscosity	T 316	max 3000cP	135°C	702.5	cP
	Dynamic Shear	T 315	min 1.00 kPa	70°C	1.149	kPa
	Predicted Failure				71.39	°C
	Specific Gravity	T 228		15°C	1.0491	
<b>RTFO</b>	Mass Change	T 240	max 1.00%	135°C	-0.5113	%
	Dynamic Shear	T 315	min 2.20 kPa	70°C	3.298	kPa
	Predicted Failure				74.27	°C
<b>PAV</b>	<i>PAV aging conducted at 100°C as per AASHTO R 28</i>					
	Dynamic Shear	T 315	max 5000 kPa	25°C	1528	kPa
	Predicted Failure				15.47	°C
	Creep Stiffness	T 313	max 300 MPa	-18°C	146	MPa
	m-value	T 313	min 0.300	-18°C	0.350	
	Predicted Failure				-33.40	°C
	<b>Direct Tension Testing</b>					
	Failure Strain	T314	min 1.00%	-18°C	2.19	%
	Failure Stress	T314		-18°C	3.66	MPa
	Critical Cracking				-31.00	°C

Laboratory Recommended Ranges	Low	High
Mixing Temperature Range, Degrees C	164	170
Compaction Temperature Range, Degrees C	152	157

Also Available



Warm Mix  
Asphalt



Anti-Stripping  
Agents

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Cold Mix  
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Warm Mix  
Asphalt