

**PRODUCT:** PG 64-16

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<b>TESTS</b>	<b>ASTM No.</b>	<b>AASHTO No.</b>	<b>SPECIFICATION</b>
<b>Tests on Original Asphalt:</b>			
<i>Dynamic Shear, 64 °C, <math>G^*/\text{Sin}\delta</math>, kPa</i>	D 7175	T 315	1.00 - 2.00
<i>Viscosity, 135 °C, 21 Spindle, 20 RPM, Pa·s</i>	D 4402	T 316	3 max
<i>Flash Point, C.O.C., °C</i>	D 92	T 48	230 min
<i>Density, 15 °C, Kg/m<sup>3</sup></i>	D 70	T 228	- -
<i>Solubility in Trichloroethylene, wt.%</i>	D 2042	T 44	99 min
<b>Tests on R.T.F.O. Residue:</b>			
<i>Dynamic Shear, 64 °C, <math>G^*/\text{Sin}\delta</math>, kPa</i>	D 2872	T 240	
<i>Dynamic Shear, 64 °C, <math>G^*/\text{Sin}\delta</math>, kPa</i>	D 7175	T 315	2.20 min
<i>Mass Loss, %</i>	D 2872	T 240	1.00 max
<i>Ductility, 25 °C, 5 cm/min, cm</i>	D 113	T 51	75 min
<b>Tests on P.A.V. Residue @ 100 °C:</b>			
<i>Dynamic Shear, 28 °C, <math>G^*\cdot\text{Sin}\delta</math>, kPa</i>	D 6521	R 28	
<i>Dynamic Shear, 28 °C, <math>G^*\cdot\text{Sin}\delta</math>, kPa</i>	D 7175	T 315	5000 max*
<i>Dynamic Shear, 31 °C, <math>G^*\cdot\text{Sin}\delta</math>, kPa</i>	D 7175	T 315	5000 max
<i>Creep Stiffness, -6 °C, S, MPa</i>	D 6648	T 313	300 max
<i>m-Value, -6 °C</i>	D 6648	T 313	0.300 min

\*Must be less than 5000 kPa @ 31 °C if it is greater than 5000 kPa @ 28 °C