

<b>State:</b> <b>NEW MEXICO</b>	<b>Materials:</b> Re: Section 402 - Bituminous Materials
<b>Date Last Reviewed:</b> 5/3/11	<b>Web Address:</b> <a href="http://www.nmshtd.state.nm.us">www.nmshtd.state.nm.us</a>
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**ASPHALT BINDER:**

Section 402	<b>Description:</b>	Performance-graded asphalt binder shall meet the requirements of AASHTO M 320, Standard Specification for Performance-Graded Asphalt Binder.
	<b>PMA's:</b>	None stated.
	<b>Exclusions:</b>	None stated.

PROPERTY	Test Method AASHTO or Other	Requirements by Performance Grade, PG (Common Grades)							
		58-28	64-28	64-22	70-28	70-22	76-22	82-22	
<b>ORIGINAL:</b>									
Specific Gravity		25.0°C	AASHTO T228-06	Report					
Flash Point, °C			T 48	230 min.					
Rotational Viscosity, Pa Xs		135°C	T 316	3.0 max.					
Dynamic Shear, kPa (G* / sin δ, 10 rad./sec.)		At grade temperature	T 315	1.0 min.					
<b>RTFOT RESIDUE:</b>									
Mass Loss, %			T 240	1.0 max.					
Dynamic Shear, kPa (G* / sin δ, 10 rad./sec.)		At grade temperature	T 315	2.2 min.					
<b>PAV RESIDUE:</b>									
			R 28	100°C; 20 hrs; <b>305</b> psi					
Dynamic Shear, kPa (G* • sin δ, 10 rad./sec.)		At test temperature	T 315	5,000 max.					
				19°C	22°C	25°C	28°C	31°C	34°C
Creep Stiffness		At test temperature	T 313	Stiffness 300 max. MPa & m Value 0.300 min.					
				-18°C	-12°C	-18°C	-12°C		
Direct Tension, (1mm/min.), % Strain		At test temperature	T 314	1.0 min.					
				-18°C	-12°C	-18°C	-12°C		
<b>PG PLUS REQUIREMENTS: NO</b>									
<b>NOTES:</b> None.									

