

Performance Graded Asphalt Binder

PG 52-28

ANALYSIS	UNIT	SPECIFICATION	METHOD
<u>ORIGINAL BINDER</u>			
Viscosity @ 135 °C	mPa	3000 max	T 316
Flash Point	°C	230 min	T 48
Penetration @ 25°C	1/10 mm	Report	T 49
API Gravity @ 60 °F	°	Report	
Density @ 60 °F	g/cm ³	Report	T 228
Density @ 60 °F	lbs/gal	Report	T 228
DSR @ 52.0 °C (G*/sinδ)	kPa	1.00 min	T 315
Phase Angle @ 52.0 °C	°	Report	T 315
<u>RTFO RESIDUE</u>			
Mass Change	%	1.00 max	T 240
DSR @ 52.0 °C (G*/sinδ)	kPa	2.20 min	T 315
Phase Angle @ 52.0 °C	°	Report	T 315
<u>PAV RESIDUE</u>			
PAV Aging Temperature	°C	Report	R 28
Creep Stiffness	Mpa	300 max	T 313
m-value (60 sec @ -18.0 °C)		0.300 min	T 313
DSR @ 16.0 °C (G* *sinδ)	kPa	5000 max	T 315
Phase Angle @ 16.0 °C	°	Report	T 315