

WESTERN COOPERATIVE TEST GROUP

**PG BINDER
TEST REPORT**

Date Shipped _____ Sample No.: _____ Results Due By: _____

Grade: _____ Submitted By: _____
Contact Name/Phone #: _____

TESTS ON ORIGINAL BINDER

Rotational Viscosity at 135°C @ 20 RPM (T316), (nearest 0.01 Pa·s) _____

Note: 1 cP = 0.001 Pa·s

Spindle # _____ Shear Rate _____

Dynamic Shear at _____°C, 25 mm plate, 1 mm gap (T315)

Complex Shear Modulus, G* (nearest 0.01 kPa) _____

Phase Angle, δ (nearest 0.1 degree) _____

G*/sin δ (nearest 0.01 kPa) _____

Actual Stress _____ (kPa) or Strain _____ (%) level used

TESTS ON AGED MATERIAL, RTFO (T240)

Loss on heating (T240) (nearest 0.001%)

RTFO/TFO Loss _____ Gain _____

Dynamic Shear at _____°C, 25 mm plate, 1 mm gap (T315)

Complex Shear Modulus, G* (nearest 0.01 kPa) _____

Phase Angle, δ (nearest 0.1 degree) _____

G*/sin δ (nearest 0.01 kPa) _____

Actual Stress _____ (kPa) or Strain _____ (%) level used

Creep Recovery % @ 100 Pa _____

Creep Recovery % @ 3200 Pa _____

TESTS ON PAV RESIDUE (R28) - PAV AT _____°C

Dynamic Shear at _____°C, 8 mm plate, 2 mm gap (T315)

Complex Shear Modulus, G* (nearest kPa) _____

Phase Angle, δ (nearest 0.1 degree) _____

G*.sin δ (nearest kPa) _____

Actual Stress _____ (kPa) or Strain _____ (%) level used

BBR Creep Stiffness at - _____°C, 60 s (T313), (MPa, 3 significant figures) _____

BBR Slope, m-value, at - _____°C, 60 s (T313), (nearest 0.001) _____

DT Failure Stress, at - _____°C, 1 mm/min. (T314), (nearest 0.01 MPa) _____

DT Failure Strain, at - _____°C, 1 mm/min. (T314), (nearest 0.01%) _____

Tested By _____

Company/Lab _____

Reported By _____

Phone _____

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