

ASPHALT & BITUMEN LABORATORY TESTING



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ASPHALT TESTING

SERVICE	PROCEDURE
Penetration	AASHTO T 49 / ASTM D5
Softening Point (Ring & Ball)	AASHTO T 53 / ASTM D36
Kinematic Viscosity	AASHTO T201 / ASTM D2170
Absolute Viscosity	AASHTO T 202 / ASTM D2171
Density (Pycnometer Method)	AASHTO T 228 / ASTM D70
Ductility	AASHTO T 51 / ASTM D113
Force Ductility	AASHTO T 300
Elastic Recovery	AASHTO T 301 / ASTM D6084
Solubility in TCE	AASHTO T 44 / ASTM D2042

AASHTO CERTIFIED TESTS

Intertek is a leader in the inspection and testing of asphalt, providing independent assessment of quality and quantity. The asphalt lab provides full liquid asphalt testing, as well as significant polymer modified asphalt evaluation services. All testing is conducted in accordance with ASTM, AASHTO and other industry recognized protocols.

Intertek Caleb Brett is proud to announce that our Laboratory in Mobile, AL is now certified for AASHTO Testing as well as our location in Philadelphia, PA. Our Philadelphia Laboratory has been certified since 1992 for full AASHTO testing. These locations offer Asphalt laboratory services to clients throughout the USA and abroad.

Asphalt lab technicians are NETTCP Certified with over 60 combined years of testing experience. Participation in the AMRL PG Binder, Viscosity and Emulsified Asphalt Proficiency Testing Programs ensures that the lab delivers prompt, quality testing.

RESIDUAL BITUMEN TESTING

SERVICE	PROCEDURE
Penetration	AASHTO T 49 / ASTM D5
Softening Point (Ring & Ball)	AASHTO T 53 / ASTM D36
Kinematic Viscosity	AASHTO T201 / ASTM D2170
Absolute Viscosity	AASHTO T 202 / ASTM D2171
Density (Pycnometer Method)	AASHTO T 228 / ASTM D70
Ductility	AASHTO T 51 / ASTM D113
Force Ductility	AASHTO T 300
Elastic Recovery	AASHTO T 301 / ASTM D6084
Solubility in TCE	AASHTO T 44 / ASTM D2042

POLYMER MODIFIED BITUMEN TESTS

SERVICE	PROCEDURE
Protocol for Handling PMB	AGPT/T102
Effect of heat and Air on a Moving film of Bitumen (RFTO)	AGPT/T103
Segregation of Polymer Modified Binders	AGPT/T108
Handling Viscosity of Polymer Modified Binders (Brookfield Thermosel)	AGPT/T111
Shear Properties of Polymer Modified Binders (ARRB Elastometer)	AGPT/T121
Torsional Recovery	AGPT/T122
Softening Point PMB	AGPT/T131

MORE INFORMATION



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