

Asphalts and Bitumen:

Test Packages for Asphalts and Bitumen

Asphalts and Bitumen	
Test Code	Description
ASTM D 402	Distillation of Cut-Back Asphaltic Products
ASTM D 113	Ductility of Bituminous Materials
ASTM D 92.a	Flash Point, Cleveland Open Cup
ASTM D 3143	Flash Point, Tag Open Cup, Cutback Asphalt
ASTM D 5	Penetration, Cone, of Bituminous Materials
ASTM D 4124	Separation of Asphalt into Four Generic Fractions
ASTM D 2042	Solubility of Asphalt in Trichloroethylene
ASTM D 36	Softening Point of Bitumen by Ring-and-Ball
ASTM D 70	Specific Gravity and Density of Semi-Solid Bituminous Materials by Pycnometer Method
ASTM D 2171	Viscosity, Capillary, of Asphalts at 140°F, Poise
ASTM D 2170	Viscosity, Kinematic, of Asphalts at 275°F, cP
ASTM D 6	Volatile Matter, Loss on Heating of Oils and Asphaltic Compounds
AASHTO 102	Xylene Equivalent of Asphalt

Cutback Asphalt for Paving Use, ASTM D 2399
Slow Curing Type, ASTM D 2026 Specification
Medium Curing Type, ASTM D 2027 Specification
Fast Curing Type, ASTM D 2028 Specification

Test Code	Description
ASTM D 5	Penetration, Cone, of Bituminous Materials
ASTM D 92.a	Flash Point, Cleveland Open Cup
ASTM D 3143	Flash Point, Tag Open Cup, Cutback Asphalt
ASTM D 95	Water by Distillation, Petroleum Products
ASTM D 113	Ductility of Bituminous Materials
ASTM D 243	Asphalt Residue of Specified Penetration
ASTM D 402	Distillation of Cut-Back Asphaltic Products
ASTM D 2042	Solubility of Asphalt in Trichloroethylene
ASTM D 2170	Viscosity, Kinematic, of Asphalts at 275°F, cP

Please contact us at sales@tol-lp.com for a quote.

Glycols and Engine Coolants:

Test Packages for Glycols and Engine Coolants

Glycol Base Engine Coolants for Automobile Light Duty Service ASTM D 3306

Test Code	Description
ASTM D 5931	Density and Relative Density of Engine Coolants

ASTM D 1177	Freezing Point of Aqueous Engine Coolants
ASTM D 1120	Boiling Point of Engine Coolants
ASTM D 1119	Ash Content of Engine Coolants and Anti-Rusts
ASTM D 1287	pH of Engine Coolants, Antifreezes and Anti-Rusts
ASTM D 3634	Chloride Ion in Engine Coolants
ASTM D 1123	Water Content by Karl Fischer Method, Antifreeze
ASTM D 1121	Reserve Alkalinity of Engine Coolants and Anti-rusts
ASTM D 1384	Corrosion Test for Engine Coolants
ASTM D 1881	Foaming Tendencies of Engine Coolants
ASTM D 2809	Cavitation Corrosion and Erosion Characteristics of New Aluminum Pumps With Engine Coolants

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Gas Dehydration, Rich and Lean Glycols

Test Code	Description
Visual	Physical Appearance
EPA 160.1.b	Total Suspended Solids, TSS
EPA 6010B	Inorganics by Atomic Emission Spectroscopy (ICP), includes: Iron
EPA 150.1	pH, 50% Aqueous Solution
ASTM E 203	Water Content by Karl Fischer Method, Engine Coolants
ASTM D 512	Chloride, Inorganic, in Water and Wastewater
ASTM D 1979	Salt, Calculated as Na and Cl
ASTM D 2887.b	Composition Breakdown (C1 to C40) by GC, Sludge

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Solvents and Intermediates:

Test Packages for Solvents and Intermediates

Methyl Ethyl Ketone, ASTM D 790

Test Code	Description
ASTM D 1613	Acidity in Volatile Solvents and Chemical Intermediates
ASTM D 2804	Purity of Methyl Ethyl Ketone by GC, Includes weight percent Alcohol
ASTM D 1209	Color, APHA, Platinum-Cobalt Scale
ASTM D 1078	Distillation Range of Volatile Organic Liquids
ASTM D 1353	Nonvolatile Matter in Volatile Solvents
ASTM D 4052	Density and Relative Density of Liquids by Digital Density Meter
ASTM D 1364	Water Content by Karl Fischer Method, Volatile Solvents

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Dibutyl Phthalate, ASTM D 608

Test Code	Description
ASTM D 4052	Density and Relative Density of Liquids by Digital Density Meter

ASTM D 1209	Color, APHA, Platinum-Cobalt Scale
ASTM D 1296	Odor of Volatile Solvents and Diluents
ASTM D 1364	Water Content by Karl Fischer Method, Volatile Solvents
ASTM D 1613	Acidity in Volatile Solvents and Chemical Intermediates

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Acetalhyde, ASTM D 4710

Test Code	Description
ASTM D 2192	Purity of Aldehydes and Ketones
ASTM D 1209	Color, APHA, Platinum-Cobalt Scale
ASTM D 2086	Acidity in Vinyl Acetate and Acetaldehyde
ASTM D 1353	Nonvolatile Matter in Volatile Solvents

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