



BITUMEN/ASPHALT TESTING SERVICES

SGS INTRON IS NOW PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

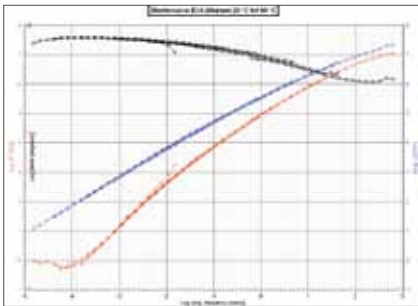
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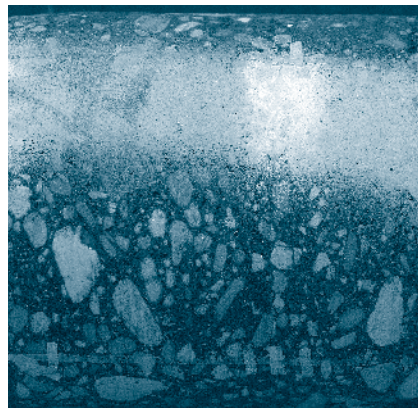
Our experts, in the field of material science, engineering, chemistry, mineralogy and geology, test bitumen and asphalt to industry standards and specific customer requirements. Below we provide a list of common tests, but feel free to contact us regarding any of these or other testing requests.



BITUMEN

- Penetration EN 1426
- Softening point (Ring and ball) EN 1427
- Solubility EN 12592
- Fraass breaking point EN 12593
- Viscosity, 135°C EN 12595

- Viscosity, 60°C EN 12596
- Paraffin content EN 12606-1
- Resistance to hardening, RTFOT, change of mass EN 12607-1
- Resistance to hardening, TFOT, change of mass EN 12607-2
- Density EN 15326
- Flashpoint, Cleveland open Cup ISO 2592
- Flashpoint, Pensky-Martens ISO 2719
- Elastic recovery EN 13398
- Ductility EN 13589
- Dynamic shear EN 14770
- SARA analysis Iatroscan



ASPHALT

- Thickness EN 12697-36
- Bitumen content EN 12697-1
- Density mixture EN 12697-5
- Density EN 12697-6,7
- Voids EN 12697-8
- Compactibility EN 12697-10
- Affinity between aggregate and bitumen EN 12697-11
- Water sensitivity EN 1269-12
- Indirect tensile strength EN 12697-23
- Resistance to fatigue EN 12697-24
- Stiffness EN 12697-26
- Impact/gyratory compactor EN 12697-30, 31
- Stability, flow and Marshall quotient EN 12697-34



ENVIRONMENTAL TESTS

- PAH (VROM and EPA), HPLC AP04-SB-VII, SGS Intron
- PAH (VROM and EPA), GC/MS AP04-SB-VII, NEN 7331
- Leaching behaviour AP04-U/E, CEN Technical Specification

The SGS INTRON laboratory is accredited by the Dutch Accreditation Council (RvA) to perform tests according to CROW 210.

SPECIAL TESTING POSSIBILITIES

- Artificial ageing methods
 - UV
 - Ozone
 - Temperature
 - Freeze thaw cycles
 - Salt spray
- Infrared spectroscopy
- Microscopy
- Petrographic analysis
- Numerous chemical analyses

SGS INTRON B.V.

Dr. Nolenslaan 126
6136 GV Sittard
t +31 46 420 4204
f +31 46 452 9060
nl.intron@sgs.com
www.sgs.com/intron

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WHEN YOU NEED TO BE SURE

