



DMV Tester - Consumables

DMV Test Papers

Standard test papers for DELTIMA METHYL VIOLET TESTER

Methyl Violet test presents a traditional method for investigation of thermal stability of nitrocellulose and other energetic materials according to major recognized standards.

Application

Methyl Violet test method is usually required in addition to the KI starch test (Abel test). It is routinely used for the stability determination of nitrocellulose propellants and other nitro compounds. It is used as a worldwide acceptance criterion. Methyl Violet test is implemented into the quality management of significant gun powder and ammunition producers.

Principle

Methyl Violet test method is based on detection of decomposition products of thermally treated sample by means of standard detection paper. Evolved NO_x react with indicators absorbed in the paper which turns its color to salmon pink. Time required for the color change is noted as a time of the test. Temperature and conditions depend on exact standard procedure but usually range between 120 °C and 135 °C.

Compliance

MIL-DTL-244C, MIL-STD-286C, STANAG 4178, ČSN 66 8102

DMV Test Papers are the highest quality product which meets specifications of U.S. Army Picatinny Arsenal.

Specifications

Packing	glass bottle
Papers content per bottle	200 pcs
Paper size	70 x 20 mm
Color	violet
Quality certificate	YES



Related products

DMV Test Papers are consumable material for the stability testing method implemented into several testing devices.

Testing apparatus for Methyl violet testing is offered as a single unit DMV Tester for 12 or 28 samples or as an implemented feature of complex systems DELTI-Heat and DELTI-Vac.



DMV12



All-in-One DELTI-Heat

Energetic Materials
Stability & Compatibility
Heating Blocks



www.deltima.eu
Simunkova 1610/23
182 00 Praha 8
Czech Republic (EU)