AGGREGATE > CHEMICAL PROPERTIES

METHYLENE BLUE TEST SET

Code : R041



- The Methylene Blue Test Set is used to determine the presence of harmful clay-like fines in fine aggregates by measuring the Methylene Blue Value.
- This test is essential for assessing the suitability of fine aggregates in concrete and asphalt mixtures, as excessive clay content can adversely affect the performance and durability of these materials.
- The Methylene Blue Value is determined by titrating a methylene blue solution into a suspension of fine aggregate and water, with the endpoint identified by a distinct color change on filter paper.
- The set includes all necessary components for conducting the test in accordance with international standards, ensuring accurate and reliable results.
- The apparatus is suitable for use in both laboratory and field settings, providing flexibility for various testing environments.

STANDARDS

EN 933-9

TECHNICAL SPECIFICATIONS

- Burette: 50 ml capacity with 0.1 ml graduations
- Support Base: Equipped with clamp for burette
- Filter Paper: Ø 125 mm, pack of 100 sheets
- Glass Rod: Ø 8 mm x 300 mm length
- Beaker: 1000 ml capacity
- Methylene Blue: 100 g
- Kaolinite: 500 g
- Mixer: Impeller type, approximately 600 rpm
- Power Supply: 220 - 240 V / 50 Hz

ORDERING INFORMATION

Item Name	Item Code
FILTER PAPER for METHYLENE BLUE TEST	R041P001H
IMPELLER MIXER (Stirrer) for METHYLENE BLUE TEST	R041P002U
METHYLENE BLUE TEST SET	R041X00EU