



Carbon Black Dispersion Microscope

Microscope

Working with the Carbon Black Dispersion Microscope involves more than merely operating the equipment; it also requires sample preparation, data analysis, and interpretation of the resulting images. The Carbon Black Dispersion Microscope is central to this process, providing essential tools for comprehensive material testing.



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Important Standards & Specification

Several relevant standards exist for the application, evaluation, and interpretation of carbon black dispersion data in the polymer field. The carbon black dispersion microscope operates based on these standards to ensure accurate and reproducible results. A selection of standards commonly used for carbon black dispersion analysis of polymers is provided in the following table.

Standard	Description
General	
ASTM D2663	Standard Test Methods for Carbon Black—Dispersion in Rubber
ISO 18553	Method for the assessment of the degree of pigment or carbon black dispersion in polyolefin pipes

- 5MP camera for microscope mounting
- Microscope image display at 10 different light intensities
- Equipped with Image Analyzer software
- Calibrated slide for carbon black dispersion analysis
- Determination of overall sample grade and individual ranges
- Magnification: 1000x
- Equipped with four lenses



Innovative & Smart Testing

Russia

Georgia
Georgian Pipe
Georgia Polymer

Tajikistan
Super plastic

Morocco
Agat Pro
Imacab
Rotomoulage Du Sud
Guwwas sp

Romania
Matt ecoinvest
Industrial Plastic Recycling

Uzbekistan
Pooya polymer Cuzar
Maxsus Polimer Plant

Turkmanistan
Inova pipe

Kosovo
Inova pipe

Jordan
Al Najah
University

Qatar
Hepworth
Calibre

Algeria
PE Plasfit

Kosovo
Inova pipe

Turkey
Yalcinlar

AES Alominyum
CimnaGen Ilac
Ozdem Plastik
Basar Makina
Polinar Kablomar

Geoplas
Borlak
Topuz Plastik
Isobor
Yildiz polietilen
Betacompound
STF Sulama

Sapcioglu sondaj
Akansu

Presmak Plastik
Ardent Plastik
Kuzey Boru

Ardis Plastik
Halisan Elya f
Hidro Plastik

Nigde Plastik
Kontas Plastik
MF Pipes

Kontenler Boru
Merkimlab Yilbör
Ulkumen plastik

Karmaksan
Aysan Plastik

Soli Plastik
Hakan Plastik
Mezbor
Maretest

Yilbör

Aksaray
Sor Plastik
MSA Plastik
Mezbor

Yilbör

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