

DVT DSC

DIFFERENTIAL SCANNING
CALORIMETRY EQUIPMENT



USED TO MEASURE THE AMOUNT OF ENERGY
ABSORBED OR RELEASED WHEN PLASTICS ARE
HEATED OR KEPT AT A CONSTANT TEMPERATURE

DVT DSC

TECHNICAL SPECIFICATIONS

Used to observe variation of thermal capacity of plastics as a function of temperature.

It determines through calorimetry with differential scanning the oxidation – induction time (isothermal OIT) and the oxidation induction temperature (dynamic OIT) of polymeric materials.

USED IN

- Pipe manufacturers.
- Plastics industry.

APPROXIMATE DIMENSIONS AND WEIGHT

- Width: 45 cm.
- Depth: 53 cm.
- Height: 22 cm.
- Weight: 20 kg.

RELEVANT STANDARDS

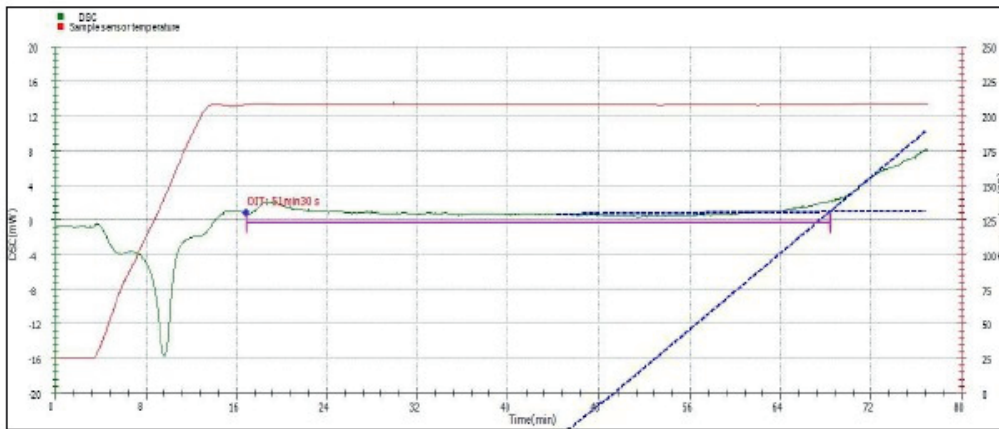
- TS EN ISO 11357-6

TECHNICAL INFORMATION

- Operating voltage: 220 Volt 50 Hz.
- Computer connection.
- Specific software.
- High insulation oven.
- Language options: Turkish, English, French and Russian.
- Oxygen and nitrogen inlet.
- Temperature resolution: 0.1 °C.
- Heating speed: 20±2 °C/min.
- Automatic gas regulation.

ACCESSORIES

- Sample receptacle and reference receptacle. (#50).
- Tongs.
- Spoon.
- Calibration control metal.



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