

ROLLING THIN FILM - RTFOT

ASTM D2872 EFFECT OF HEAT AND AIR ON A MOVING FILM OF ASPHALT (ROLLING THIN-FILM OVEN TEST)

This test method is intended to measure the effect of heat and air on a moving film of semi-solid asphaltic materials. The effects of this treatment are determined from measurements of the selected properties of the asphalt before and after the test.

EN 12607-1 DETERMINATION OF THE RESISTANCE TO HARDENING UNDER INFLUENCE OF HEAT AND AIR. RTFOT METHOD

Completely made in stainless steel, aluminum carriage rotating at 15 rpm - circular and vertical - with 8 places for glass containers, internal fan controlled by a 1725 rpm motor, copper coil with nozzle pre-heating the air, flowmeter with regulator valve, digital thermoregulator with PID function and probe PT100, double wall locking door with toughened glass window, internal light.

Technical specifications:

- Temperature: from ambient to 170°C (338°F)
- Stability: $\pm 0.5^\circ\text{C}$
- Power supply: 230V $\pm 10\%$ 50Hz
- Power: 1500W
- Weight: 90 kg

2550 RTFOT OVEN ASTM

ACCESSORIES ON REQUEST

- | | |
|---------|-----------------------------|
| 10-2551 | CONTAINER |
| | Made of glass |
| T-AS13C | THERMOMETER ASTM 13C IP 47C |

CONSUMABLES x 2 YEARS

- | | |
|--------------|------------------------|
| 15-2552/ASTM | BELT, pack of 2 pcs x1 |
| 15-2552/EN | BELT, pack of 2 pcs x1 |

SPARE PARTS

- | | |
|-------------|-----------------|
| 15-2555 | BEARING FOR FAN |
| 12-2550/CAR | CARRIAGE MOTOR |
| 12-2550/FAN | FAN MOTOR |



"LOSS ON HEATING" E "TFOT"

ASTM D6 IP 45 EN 13303 LOSS ON HEATING OF OIL AND ASPHALTIC COMPOUNDS

This test method covers the determination of the loss in mass (exclusive of water) of oil and asphaltic compounds when heated as hereinafter prescribed.

ASTM D1754 EN 12607-2 EFFECT OF HEAT AND AIR ON ASPHALTIC MATERIALS (THIN-FILM OVEN TEST)

This test method covers the determination of the effects of heat and air on a film of semisolid asphaltic materials. The effects of this treatment are determined from measurements of selected asphalt properties before and after the test.

Completely made in stainless steel, natural ventilation, internal support (on request) rotating at 5-6 rpm controlled by a geared motor located on the oven top, digital thermoregulator PID with overtemperature alarm and probe PT100A, double wall locking door with toughened glass window, internal light.

Technical specifications:

- Temperature: from ambient to 180°C (356°F)
- Stability: $\pm 1^\circ\text{C}$
- Power supply: 230V $\pm 10\%$ 50/60Hz
- Power: 1200W
- Dimensions: 59x51x77 cm
- Weight: 24 kg

2560 LOSS AND TFOT OVEN

ACCESSORIES ON REQUEST

- | | |
|--------------|--|
| 10-2561/6 | SUPPORT ASTM D6 |
| | 9 positions |
| 10-2562/6 | CONTAINER ASTM D6 |
| | Made of brass |
| 10-2561/1754 | SUPPORT ASTM D1754 |
| | 4 positions |
| 10-2562/1754 | CONTAINER ASTM D1754 |
| | Made of stainless steel |
| 10-2563 | PALETTE FOR CONTAINER ASTM D1754 |
| | Made of stainless steel, for remove the container on the support |
| T-AS13C | THERMOMETER ASTM 13C IP 47C |

SPARE PARTS

- | | |
|---------|-------|
| 12-2560 | MOTOR |
|---------|-------|

