

Drop Melting Point of Petroleum Wax

ASTM D 127, FTM 791-1401, IP 133, JIS K2235

Product group(s): Grease, Wax

User group(s): Automotive, Cosmetics, Paraffin, Pharmaceuticals, Polishes, Wax

Scope: This test method covers the determination of the drop melting point of petroleum wax. It is used primarily for petrolatum and other microcrystalline wax.

The drop melting point of petroleum wax is the temperature at which material becomes sufficiently fluid to drop from the thermometer at used in making the determination under definite prescribed conditions.



Drop Melting Point Test Equipment

More details are mentioned in the "Order Number" section

Main Unit

17-0040 **Drop Melting Point Apparatus**
ASTM D 127 - FTM 791-1401 - IP 133 - JIS K2235

Consisting of:

- 2 test glasses
- 1 glass jar
- 1 thermometers (ASTM 61C/IP 63C)
- 1 thermometer for bath (DIN 12 785)
- 1 thermometer holder for bath
- 1 support stand with rod and adjustable clamps
- 1 heater board with center hole Ø 89 mm
- 1 electric heater (800 W) in stainless steel housing with built-in electronic power regulator "m2"
- 2 stopper for thermometer


Power supply: 230 V, 50/60 Hz

Spare Parts

17-0042 **Thermometer ASTM 61C / IP 63C**
Range: +32 to +127 : 0.2 °C
Length: 303 mm, Immersion: total, Ø 6.5 mm

17-0043 **Thermometer ASTM 61C / IP 63C**
Range: +32 to +127 : 0.2 °C (officially certified)

17-0001 **Thermometer DIN 12 785**
Range: 0 to +100 : 0.5 °C

17-0002	Thermometer DIN 12 785 Range: 0 to +100 : 0.5 °C (officially certified)
13-0111	Test Tube - ASTM, glass, Ø 25 mm x 150 mm long
16-0270	Container with lid, Ø 150 mm, made of borosilicate for overpressure device
17-0047	Stopper, NBR-rubber (27/30 / bored Ø 6 mm)
18-0094	Thermometer Holder for tempering-baths (18-0065, 18-0070) to hold thermometer (18-0093 / 16-0376 / 90-0106 / 90-0166 or 90-0107 / 90-0167)
	
11-0018	Heater Rod 200 W, 115-230 V
11-0019	Heating Element with 4 heater rods Power supply: 230 V, 50/60 Hz, 800 W
11-0140	Support Board, center hole Ø 89 mm (3½") glass ceramics (150 x 150 x 4 mm)
25-0004	Control Module "m2" to regulate the heating power Power supply: 230 V, 50/60 Hz

Order Guideline

Minimum equipment: 1x 17-0040
 Spares (approx. 1 year): Thermometer, 13-0111, 16-0270, 17-0047
 Additional requirements: