Product name:	Product code:
Melt Flow Index Tester for HDPE Blow Moulding Grades	CMI-IND-0547

Description

Extrusion plastometer that measures melt flow rate of HDPE resin at 190 deg C and 2.16 or 5 kg load. Used by bottle makers and resin suppliers to verify blow moulding grades before use in extrusion blow machines.

Technical specification

- Standard die
- Piston with weight set
- Cleaning kit

Granules are melted in a heated barrel and forced through a standard die by a dead weight, and the extrudate is cut and weighed over timed intervals. The result is reported as g/10 min. It helps confirm that incoming HDPE lots suit the bottle process window.

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Features

- PID controlled barrel to 400 deg C
- Standard 2.095 mm die and piston
- Weight set 2.16, 5, 10 and 21.6 kg
- Automatic cutter with timer option
- Digital temperature display and calibration port

Technical Specifications

Test standards	ASTM D1238, ISO 1133, IS 2530
Temperature range	Ambient to 400 deg C, +/-0.2 deg C
Standard conditions	190 deg C / 2.16 kg, 190 deg C / 5 kg
Die	2.095 mm bore x 8 mm long
Weights	2.16 to 21.6 kg set
Barrel	9.55 mm bore, hardened steel
Cutter	Manual or automatic
Power supply	230 V AC, 50 Hz

Standard Accessories