

De-Mattia Flex Tester

This tester provides useful information about the resistance of compounds of vulcanised rubber to flex cracking when subjected to flexing. Cracks develop in that part of the surface where stresses are set up during flexing or if that part of the surfaces initially contains a crack, it causes this crack to extend in a direction perpendicular to the stress.



Specification

Number of Test specimens tested	: 6
Maximum opening between grips	: 75 mm (Adjustable)
Travel of reciprocating grip	: 57.15 mm (adjustable)
Flexing Frequency	: 300 cpm
Motor	: ¼ lap single phase 230 V AC

Related standards

- ❖ IS 3400 – Part 7 – 1967: Method of test for vulcanized rubbers Part 7: Resistance to flex cracking.
- ❖ IS 3400 – Part 8 – 1983: Method of test for vulcanized rubbers Part 8: Resistance to crack growth.

FINE MARKETING



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