

Product Name :
Elastomers Abrasion Tester India

Product Code :
NG198



Description :

Elastomers Abrasion Tester India

Technical Specification :

- Elastomers Abrasion Tester is the simplest and safest way to determine the abrasion resistance of rubber, or frictional loss of any elastomer over a predefined distance.
- The rubber abrasion test is one of the most important and widely used tests for simulating a rubber product's abrasive exposure in its end environment.
- Fixed into a quick clamp sample holder, the test specimen is precisely guided across the rotational drum.
- Upon test completion, sample weight is taken to compare the loss factor.

Features:

- Stiff Aluminum machine frame.
- Pre-set sample travel distance.
- Brushless drive system.

Specifications:

- Contact pressure for specimens expandable: up to N2.5, 5.0, 7.5, 10.0, 12.5, 15.0, 17.5, 20.0
- Approximate Dimensions (W x D x H): 760 x 360 x 320 mm
- Heated drum: Yes
- Diameter of roller: 150 mm
- Length of roller: 460 mm
- Number of revolutions of roller: 40 rpm
- Peripheral speed of roller with abrasion sheet: 0.32 m/s
- Approximate Dimensions of abrasion sheet (L x W): 472.5 x 400mm
- Film tape (Width x Depth): 50 x 0.2 mm
- Abrasion distance of specimen: 40 (20) m
- Corresponds to roller rotations: 84 (42)
- Angle of inclination of axle center of the specimen to Vertical position of roller: 3 degree
- Granulation of abrasion sheet: 60
- Specimen diameter: 16 mm
- Specimen thickness: 6 to 15 mm
- Maximum gripping length of specimen: 13 mm
- Lateral feed of specimen per roller rotation: 4.2 mm
- Number of revolutions of specimen holder for rotating specimen: 0.9 per minute
- Power supply: 220-240V, 50Hz
- Net Weight: 50 Kg $\pm 10\%$

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