



IS 6719 : 1972; Moulded PVC Unit Outsoles

Moulded PVC unit outsoles are widely used in footwear manufacturing due to their durability, cost-effectiveness, and versatility.

This standard prescribes the requirements and the methods of sampling and test for moulded PVC unit outsoles.

Moulded PVC unit outsoles are often made up of materials compounded from PVC resin or blends with its copolymers.

To meet Consumers expectation, high-quality Moulded PVC unit outsoles exhibit parameters such as optimal performance, durability, and user comfort.

Key quality attributes include Relative density, Thickness , Hardness, Tear strength, Abrasion resistance, Flexing resistance and detailed requirements have been prescribed in the Standard for these parameters.

- **Relative Density** indicates the material's weight relative to its volume.
- **Thickness** evaluates the material's ability to provide adequate support and cushioning.
- **Volatility** indicates material stability.
- **Hardness** measures the resistance of the material to deformation under pressure.
- **Tear Strength** evaluates the material's ability to resist tearing.
- **Abrasion Resistance** measures resistance to wear caused by friction with surfaces.
- **Flexing Resistance** assesses the material's ability to endure repeated bending or flexing without cracking or breaking.

The IS 6719 : 1972 standard specifies these quality expectations through rigorous testing methods and specifications for Moulded PVC unit outsoles.

These specifications ensure Moulded PVC unit outsoles meet consumer demands for durability, comfort, and performance, with BIS certification serving as a mark of compliance and reliability.