



IS 10702 Hawai Chappal-Specification

Hawai Chappal are any **open toed having flat or tapered sole** with a **polymeric strap** or thong attached through stud that goes between the toes to hold the chappal in place. Hawai chappals are a type of open-toed, flat/tapered-soled footwear that are immensely popular across India and other tropical regions as casual, light-duty footwear. Characterized by their simple **design, affordability, and durability**, they are designed for everyday use, particularly in warm climates.

The chappals are often made with **rubber or polymer materials** that are resilient, flexible, and water-resistant, making them ideal for daily wear, especially in humid or rainy conditions. Hawai chappals, popular for their durability and low maintenance, are typically made from rubber or polymer materials, either natural or synthetic.

The product **comprises a sole and a strap, with the strap attached to the sole using a stud** that holds the chappal securely to the foot. The chappals are available **with either uniform or tapered soles, and they may feature solid or cellular straps.**

To meet Consumers expectation, high-quality Hawai chappals exhibit parameters such as durability, comfort, water resistance, and lightweight design. Key quality attributes include compression set, split tear strength, abrasion resistance, flexing resistance, and density. Compression set evaluates the material's ability to maintain its shape, while abrasion resistance and flexing resistance assess durability and resilience under repeated wear and bending. Additionally, attributes like split tear strength ensure that the chappal's components (e.g., straps and sole) can withstand stresses during use.

The IS 10702: 2023 standard specifies these **quality expectations through rigorous testing methods and specifications for both materials and construction.** It prescribes detailed **requirements for sole thickness, strap attachment strength, and interlayer bond strength,** as well as specific chemical requirements for materials. For instance, acceptable density and hardness levels for the sole and strap are provided to ensure durability, and tests for split tear strength are conducted to verify structural integrity. These specifications ensure Hawai chappals meet consumer demands for quality, durability, and safety, with **BIS certification serving as a mark of compliance and reliability.**

The **DPIIT Quality Control Order** mandates that all types of Hawai Chappal sold, manufactured, or imported in India comply with IS 10702 and display the **BIS Standard Mark**, ensuring high-quality Hawai chappal.