

## **IS 13498 Bathing bar - Specification**

The Indian Standard **IS 13498 Bathing bar - Specification (Second Revision)** defines requirements for **bathing bars**, a personal cleansing product that can include both soap-based fatty acids and synthetic surfactants. Bathing bars are designed for regular use, suitable for both soft and hard water, and are formulated to provide effective cleansing without over-drying or harming the skin.

Consumers expect bathing bars to deliver **high-quality lather, smooth grit-free texture, adequate durability without mush, and efficient cleansing ability**. Safety is paramount, with a preference for products free from **irritating or harmful chemicals** and suitable for skin, guard against over-cleaning to prevent from defatting of skin.

IS 13498 ensures that **bathing bars** meet the above criteria by setting specific limits for **material composition, performance testing, and safety evaluation**. This includes limits on **free caustic alkali and free carbonated alkali** (for safety), **grittiness tests** (for comfort), and **cracking and mush resistance tests** (for longevity) . Additionally, requirements for **lather volume** and **cleaning efficiency** are established, ensuring that the bathing bar performs well in everyday use. Safety is further assured through dermatological testing, mandated labeling for skin safety, and the requirement that The synthetic surface active agents ingredients must pass **biodegradability tests** according to **IS 13933**.

By adhering to IS 13498, manufacturers produce bathing bars that align with **consumer preferences for quality, safety, and environmental consciousness**. This compliance builds consumer trust in the product's effectiveness, gentle nature, and sustainable impact.