



Indian Standard IS 17266:2019 – Quality and Safety Specifications for Viscose Staple Fibres (VSF)

Viscose Staple Fibres (VSF) are widely used in the textile industry due to their softness, breathability, and similarity to natural cotton. **Indian Standard IS 17266:2019**, defines essential guidelines for the quality and safety of VSF, covering all types, including modal and lyocell. This standard ensures that VSF products meet performance, safety, and environmental expectations for both manufacturers and consumers.

IS 17266:2019 establishes specific requirements for the physical and chemical properties of VSF. These include essential parameters like **denier (fineness)**, **tenacity (strength)**, **and moisture content**, ensuring that the fibres provide consistent quality and resilience in textile applications. Fibres are required to meet precise standards for whiteness, length, and pH balance, making them suitable for a variety of end-use applications in apparel, home textiles, and other fabric-based products.

The standard mandates that VSF be free from defects, such as dirt, grease, fused fibres, and foreign particles, which could compromise quality. Testing also covers critical properties like **oil pickup** (amount of finishing oil retained) and **spinning faults**, ensuring that fibres have the necessary smoothness and uniformity for processing.

IS 17266:2019 also specifies guidelines for **ECO-Mark certification**, an optional environmental label that addresses additional sustainability aspects, such as limits on formaldehyde, heavy metals, pesticides, and other harmful chemicals. Products that meet these stricter environmental criteria can earn the ECO-Mark, adding value for eco-conscious consumers and industries.

Packaging and labeling requirements enhance product integrity and traceability. Each bale of VSF must be labeled with essential information, including **product type, batch number, and net mass**, helping buyers and regulators ensure compliance. Packaging should protect the fibres from moisture, dust, and other contaminants during transport and storage, ensuring the fibres reach their destination in optimal condition.

In summary, **IS 17266:2019** offers a robust framework that ensures VSF is manufactured to high quality and safety standards. From rigorous physical and chemical testing to environmental safeguards, this standard provides assurance that viscose fibres are durable, eco-friendly, and safe for end-users, supporting the textile industry's commitment to reliable and sustainable materials.