

Indian Standard

TEXTILES — FIBRES AND YARNS — DETERMINATION OF COMMERCIAL MASS OF CONSIGNMENTS

0 Introduction

This document forms part 3 of a four-part International Standard prepared by ISO/TC 38, Textiles.

Part 1: Mass determination and calculations.

Part 2: Methods for obtaining laboratory samples.

Part 3: Specimen cleaning procedures.

Part 4: Values used for the commercial allowances and the commercial moisture regains. (Technical Report.)

The terminology used in this International Standard is in accordance with ISO 6348.

Most contracts of sale between buyer and seller specify either that the invoice mass of a consignment shall be determined by an independent third party, or that the seller's figure may be subject to an independent third-party check. This part of ISO 6741 describes the methods which are to be used by the independent third party in these cases. The figure for the commercial mass which results from the application of the procedures in this part of ISO 6741 either becomes the invoice mass of the consignment or is compared with the declared invoice mass plus or minus the tolerance agreed between the buyer and seller.

It is not intended that the methods in this part of ISO 6741 necessarily be used by the seller to establish his invoice mass.

The methods described in this part of ISO 6741 are, for the most part, destructive.

1 Scope and field of application

This part of ISO 6741 specifies methods for obtaining laboratory samples for mass determination by one of the methods given in ISO 6741-1. The method appropriate for particular fibres is indicated in ISO 6741-4.

The procedures comprise :

| b | Nature of consignment | Procedure described |
|---|---|--|
| | Bulk staple in bales | Hand sampling (two methods) Core sampling |
| | Tow and strands in bales and cases | Hand sampling |
| | Unsupported wound or coiled packages of raw silk, tow sliver, top or yarn in containers | Hand sampling |
| | Yarn wound on supports | Cutting method Winding (four methods) |

When a replicate sample is required for other tests or as a precaution against misadventure, the mass taken during sampling shall be doubled and the sample shall then immediately be halved to provide the two samples.

2 References

ISO 6348, Textiles - Determination of mass - Vocabulary.

ISO 6741, Textiles - Fibres and yarns - Determination of commercial mass of consignments

- Part 1 Mass determination and calculations.

- Part 4: Values used for the commercial allowances and the commercial moisture regains. (Technical Report.)