

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1310

CARBON BLACK FOR USE IN THE RUBBER INDUSTRY

SAMPLING PACKAGED SHIPMENTS

1st EDITION

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BRIEF HISTORY

The ISO Recommendation R 1310, *Carbon black for use in the rubber industry – Sampling packaged shipments*, was drawn up by Technical Committee ISO/TC 45, *Rubber*, the Secretariat of which is held by the British Standards Institution (BSI).

Work on this question led to the adoption of Draft ISO Recommendation No. 1310, which was circulated to all the ISO Member Bodies for enquiry in September 1967. It was approved by the requisite majority of ISO Member Bodies. However, in order to resolve the negative vote registered by the French Member Body, a second Draft ISO Recommendation No. 1310 was prepared, and was circulated to all the ISO Member Bodies for enquiry in June 1969. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	Iran	Spain
Austria	Israel	Sweden
Brazil	Italy	Switzerland
Canada	Netherlands	Thailand
Czechoslovakia	New Zealand	Turkey
France	Peru	U.A.R.
Germany	Poland	United Kingdom
Greece	Portugal	U.S.A.
Hungary	Romania	U.S.S.R.
India	South Africa, Rep. of	

No Member Body opposed the approval of the second Draft.

This second Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided to accept it as an ISO RECOMMENDATION.

CARBON BLACK FOR USE IN THE RUBBER INDUSTRY

SAMPLING PACKAGED SHIPMENTS

1. SCOPE

This ISO Recommendation describes a procedure for the sampling of carbon blacks for use in the rubber industry, delivered in bags, cartons or other types of packages.

2. GENERAL

- 2.1 Packaged shipments of carbon blacks are generally delivered in packages of 25 kg (or 50 lb). The packages may be grouped in unit loads, stacks, or may be loaded in tiers of loose bags. In each case, a shipment involves a given number of packages, units, tiers, or a definite total weight.
- 2.2 Samples should be taken as agreed between the purchaser and the supplier either at the point of manufacture or at the point of delivery. Samples may be taken from the packages as loaded or as received. Each sample taken represents a unit, a lot, or a given weight of the material. The number of samples to be taken should be as agreed between the purchaser and the supplier.
- 2.3 The size of the individual sample taken should be related to the tests to be made on the material. It is recommended that no sample be smaller than 1 kg in mass or 3 litres in volume.

3. APPARATUS

Sampling device consisting of an open polyethylene tube, of diameter no less than 25 mm, which can be inserted into the package to its approximate geometric centre. The carbon black sample can be poured through this tube from the geometric centre of the package. (See Figure.)

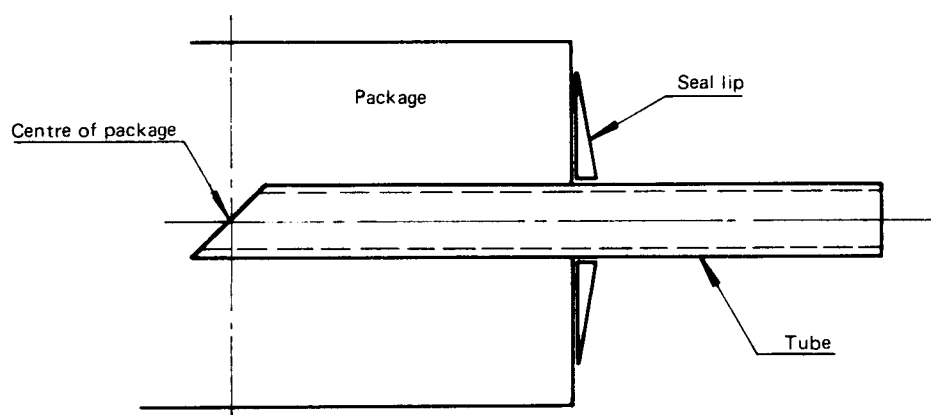


FIGURE – Sampling device