

INTERNATIONAL STANDARD



1867

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Carbon black for use in the rubber industry — Specification for sieve residue

Noir de carbone pour l'industrie des élastomères — Spécifications pour le refus sur tamis

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FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

Prior to 1972, the results of the work of the Technical Committees were published as ISO Recommendations; these documents are now in the process of being transformed into International Standards. As part of this process, Technical Committee ISO/TC 45 has reviewed ISO Recommendation R 1867 and found it technically suitable for transformation. International Standard ISO 1867 therefore replaces ISO Recommendation R 1867-1970 to which it is technically identical.

ISO Recommendation R 1867 was approved by the Member Bodies of the following countries :

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

No Member Body expressed disapproval of the Recommendation.

No Member Body disapproved the transformation of ISO/R 1867 into an International Standard.

Carbon black for use in the rubber industry – Specification for sieve residue

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the maximum sieve residue retained on both a 45 µm and 500 µm sieve from carbon black for use in the rubber industry.

2 REFERENCES

- ISO/R 1124, *Sampling bulk shipments of carbon black for use in the rubber industry.*
- ISO 1310, *Carbon black for use in the rubber industry – Sampling packaged shipments.*
- ISO 1437, *Carbon black for use in the rubber industry – Determination of sieve residue.*

3 LIMITS

The sieve residue shall not exceed the following limits :

sieve aperture	residue
45 µm	0,10 %
500 µm	0,001 0 %

4 SAMPLING

Sampling shall be carried out in accordance with either ISO/R 1124 or ISO 1310.

5 METHOD OF TEST

The sieve residue shall be determined in accordance with ISO 1437.