

INTERNATIONAL STANDARD



1866

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Pelletized carbon black for use in the rubber industry delivered in bulk or in bins — Specification for maximum fines content

Noir de carbone en granules livré en vrac ou en récipients pour l'industrie des élastomères — Spécifications pour la teneur en matières fines

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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 1866 and found it technically suitable for transformation. International Standard ISO 1866 therefore replaces ISO Recommendation R 1866-1970 to which it is technically identical.

ISO Recommendation R 1866 was approved by the Member Bodies of the following countries :

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

The Member Body of the following country expressed disapproval of the Recommendation on technical grounds :

Germany

The Member Body of the following country disapproved the transformation of ISO/R 1866 into an International Standard :

Germany

Pelletized carbon black for use in the rubber industry delivered in bulk or in bins – Specification for maximum fines content

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the maximum fines content in pelletized carbon black for use in the rubber industry, delivered in bulk or in bins.

2 REFERENCES

ISO/R 1124, *Sampling bulk shipments of carbon black for use in the rubber industry.*

ISO 1435, *Pelletized carbon black for use in the rubber industry – Determination of fines content.*

3 DEFINITION

For the purpose of this International Standard, the following definition shall apply :

fines : That part of the pelletized carbon black which passes through a sieve of 125 μm aperture.

4 LIMIT

The maximum fines content shall not exceed 7,0 %.

5 SAMPLING

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

6 METHOD OF TEST

The fines content shall be determined in accordance with ISO 1435.