

Transformed

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1867

CARBON BLACK FOR USE IN THE RUBBER INDUSTRY

SPECIFICATION FOR SIEVE RESIDUE

1st EDITION

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BRIEF HISTORY

The ISO Recommendation R 1867, *Carbon black for use in the rubber industry – Specification for sieve residue*, 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. 1867 which 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	Japan	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 Draft.

This 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

SPECIFICATION FOR SIEVE RESIDUE

1. SCOPE

This ISO Recommendation 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. LIMITS

The sieve residue should not exceed the following limits:

sieve aperture	residue
45 μm	0.10 %
500 μm	0.0010 %

3. SAMPLING

Sampling should be carried out in accordance with one of the following ISO Recommendations:

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

ISO/R 1310, *Carbon black for use in the rubber industry – Sampling packaged shipments*.

4. METHOD OF TEST

The sieve residue should be determined in accordance with ISO Recommendation R 1437, *Carbon black for use in the rubber industry – Method of test for sieve residue*.