

Recovered Fibre Specification

OBLIGATIONS OF THE SUPPLIER

1. **NEWSPAPERS AND MAGAZINES, NEWS/PAM**

GRADE DEFINITION

As per EN643 (European List of Standard Grades of Recovered Paper and Boards -: 0.5% non paper, 1% total unwanted material)

1.09 Newspapers and magazines

Mixture of newspapers and magazines (predominantly unsold); each of them with a minimum of 30%. **ANL variation: post or pre-consumer accepted**

The official version of the European standard EN 643 can be obtained from the national members of CEN, whose details are available on the CEN website:

<http://www.cenorm.be>

1.1 All recovered fibre must be clean, fresh, dry and free from fire damage and contamination as indicated below.

1.2 All material shall be supplied **substantially free** of prohibitive and objectionable material, such materials being defined in broad terms as:

1.2.1 **PROHIBITIVE MATERIALS**

Specific examples include:

Glass bottles/ jars / fragments

Burnt or fire damaged materials (zero tolerance)

Sand/building materials/wood/metals and hard-core

Food/ putrescible waste

Medical/clinical/hygiene products

General rubbish of any kind

WEEE (Waste Electrical and Electronic Equipment)

Loads containing prohibitive items may be subject to rejection

1.2.2 **OBJECTIONABLE MATERIALS**

Non target Recyclables, Paper and paperboard which has been so manufactured or treated that would be detrimental for the recycling process, or, which during processing may cause damage to machines or interruptions to production and may reduce the value of the finished products. Specific examples include:

Label waste

Waxed papers

Carbonless copy paper

Carbon paper

Wet strength paper

Shredded paper

Cardboard or brown papers

Packaging material

Egg boxes, cereal boxes

Cans (aluminium and steel)

Plastics (bottles, bags, containers)

Textiles

Recovered Fibre Specification

2. MIXED PAPERS

GRADE DEFINITION

As per EN643 (European List of Standard Grades of Recovered Paper and Boards - : 0.5% non paper, 1% total unwanted material)

1.01 A mixture of various grades of paper and board.

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- 2.1 All recovered fibre must be clean, fresh, dry and free from fire damage and contamination as indicated below.
- 2.2 All material shall be supplied **substantially free** of prohibitive and objectionable material, such materials being defined in broad terms as:

2.2.1 **PROHIBITIVE MATERIALS:**

Specific examples include:

Glass bottles/ jars / fragments
Burnt or fire damaged materials (zero tolerance)
Sand/building materials/wood/metals and hard-core
Food/ putrescible waste
Medical/clinical/hygiene products
General rubbish of any kind
WEEE (Waste Electrical and Electronic Equipment).

Loads containing prohibitive items, may be subject to rejection

2.2.2 **OBJECTIONABLE MATERIALS:**

General Recyclable / Paper and paperboard which has been so manufactured or treated as to be unsuitable for the newspaper recycling process which during processing may cause damage to machines or interruptions to production or may reduce the value of the finished products. Specific examples include:

Label waste
Waxed papers
Carbonless copy paper
Carbon paper
Wet strength paper
Shredded paper
Cans (aluminium and steel)
Plastics (bottles, bags, containers)
Textiles

Recovered Fibre Specification

3. OVER ISSUE NEWS (PRE CONSUMER)

GRADE DEFINITION

As per EN643 (European List of Standard Grades of Recovered Paper and Boards -: 0.5% non paper, 1% total unwanted material)

2.02.01 -Unsold newspapers. Unsold daily newspapers, which may contain inserts originally circulated with the publication. No additional inserts allowed.

The official version of the European standard EN 643 can be obtained from the national members of CEN, whose details are available on the CEN website: <http://www.cenorm.be>

3.1 All OIN must be clean, fresh, dry and free from fire damage and contamination as indicated below.

3.2 All material shall be supplied **substantially free** of prohibitive and objectionable material, such materials being defined in broad terms as:

3.2.1 **PROHIBITIVE MATERIALS:**

Specific examples include:

Glass/Glass fragments
Burnt or fire damaged materials (zero tolerance)
Sand/building materials/wood/metal/hard-core
Food/ putrescible waste
General rubbish of any kind
WEEE (Waste Electrical and Electronic Equipment).

Loads containing prohibitive items, may be subject to rejection

3.2.2 **OBJECTIONABLE MATERIALS:**

General Recyclables / Paper and paperboard which has been so manufactured or treated as to be unsuitable for the newspaper recycling process which during processing may cause damage to machines or interruptions to production or may reduce the value of the finished products. Specific examples include:

Label Waste
String/banding
Waxed papers
Carbonless copy paper
Carbon paper
Wet strength paper
Shredded paper
Cardboard or brown papers
Packaging material
Egg boxes, cereal boxes
Cans (aluminium and steel)
Plastics (bottles, bags, containers)
Textiles

Recovered Fibre Specification

4. OVER ISSUE PAMS (PRE CONSUMER)

GRADE DEFINITIONS

As per EN643 (European List of Standard Grades of Recovered Paper and Boards -: 0.5% non paper, 1% total unwanted material)

1.06 Unsold magazines. Unsold magazines, with or without glue.

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4.1 All OIP must be clean, fresh, dry and free from fire damage and contamination as indicated below.

4.2 All material shall be supplied **substantially free** of prohibitive and objectionable material, such materials being defined in broad terms as:

4.2.1 **PROHIBITIVE MATERIALS:**

Specific examples include:

- Glass bottles/ jars / fragments
- Burnt or fire damaged materials (zero tolerance)
- Sand/building materials/wood/metals and hard-core
- Food/ putrescible waste
- Medical/clinical/hygiene products
- General rubbish of any kind
- WEEE (Waste Electrical and Electronic Equipment).

Loads containing prohibitive items, may be subject to rejection

4.2.2 **OBJECTIONABLE MATERIALS:**

General Recyclables / Paper and paperboard which has been so manufactured or treated as to be unsuitable for the newspaper recycling process which during processing may cause damage to machines or interruptions to production or may reduce the value of the finished products. Specific examples include:

- | | |
|---|-------------------------|
| Over Issue News (OIN) | String/banding |
| Cover mount gifts (freebies) | Waxed papers |
| Carbonless copy paper | Carbon paper |
| Cardboard or brown papers | Egg boxes, cereal boxes |
| Packaging material | Textiles |
| Cans (aluminium and steel) | Wet strength paper |
| Shredded paper | |
| Heavy plastic covered magazines (boil in the bag) | |

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5. SUPPLEMENTARY REQUIREMENTS

5.1 Age

Waste paper should not be more than 3 months old.

5.2 Bale size

All bales must be of uniform size and not less than; 1M x 0.7M x 0.5M and no greater than 1.9M x 1.2M x 1.2M.

5.3 Bale wiring

All bales must be wired on the long side in one direction with soft metal wires. Galvanised wire, plastic, string or "Signode" type strapping will not be accepted. All wire joints must be finished in such a way that they are safe and do not protrude so as to cause danger or damage to persons or equipment. Bales must be sufficiently compacted and wired to provide safe and suitable storage in bale stacks.

5.4 Moisture

The moisture content of air dry paper is 10%, based on finished product. Paper with moisture content in excess of 25% will be rejected.

Paper assessed as being over 10% but not more than 25% will be assumed to have a moisture content of 17.5%. Moisture claims will therefore be 7.5% (17.5% less the 10% in air dry paper).

Every load of material is assessed visually for moisture. The oven-drying method of testing is conducted on spot samples and a limited number of moisture claims.