



## Covenant K103198/02

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Replaces -

Page 1 of 6

### **Kreuwel flower pots, containers, buckets, bins and tubs of 100%\* recycled plastic**

\* for colouring a master batch up to a maximum of 3 % might be added

#### STATEMENT BY KIWA

With this Covenant, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

### **Kreuwel Plastics Almelo B.V.**

that are specified in this Covenant and marked with the Kiwa® certification mark, comply on delivery with the Kiwa Covenant handbook K15013, dated January 2016.

Ron Scheepers  
Kiwa

*Publication of the certificate is allowed.*

*advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is valid.*

COVENANT

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## Kreuwel flower pots, containers, buckets, bins and tubs of 100%\* recycled plastic

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### **Preface**

This Covenant has been prepared by the Technical Committee for recycled plastics of Kiwa Nederland B.V. and accepted by the Kiwa Committee for Covenants (KCC). The KCC also supervises the certification activities and where necessary requires the Kiwa Covenant to be revised.

This Kiwa Covenant will be used by Kiwa in conjunction with the Kiwa-Regulations for Certification. This regulation details the method employed by Kiwa for conducting the necessary investigations prior to issuing the Covenant and the method of external control. The inspection frequency is determined by the above mentioned Technical Committee and Kiwa Committee of the Covenant.

## Kreuwel flower pots, containers, buckets, bins and tubs of 100%\* recycled plastic

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### 1 Scope of the Covenant

#### 1.1 Description of the product

The products are intended to be used as pots and containers in which flowers or other plants are cultivated and displayed. Buckets, bins and tubs are part of this Covenant as well.

The products are made from fully recycled polypropylene (PP) or fully recycled polyethylene (PE) and a master batch necessary to colour the products. The master batch can be maximum 3% of the total amount.

#### 1.2 Objective

This Covenant covers the surveillance of an approved fabrication process producing the products as mentioned above from recycled material.

The PP or PE that would otherwise have been disposed of as waste or used for energy recovery, has instead been collected and recovered as a material input for a recycling or manufacturing process.

#### 1.3 Terminology related to the product

Master batch:	Additives including colours to enhance the properties of plastics.
Polyethylene	(PE), also known as polyethene, a thermoplastic polymer, a very well reusable thermoplastic used in a wide variety of applications.
Polypropylene	(PP), also known as polypropene, a thermoplastic polymer, a very well reusable thermoplastic used in a wide variety of applications.
Recycled material	Material that has been reprocessed from recovered (reclaimed) material by means of a manufacturing process and made into a final product or into a component for incorporation into a product.
Rework material	Rework is reutilizing material that is generated in a process and capable of being reclaimed within the same process that generated it.
Post-Industrial-Material	Material diverted from the waste stream during a manufacturing process. Excluded is reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it (PIM or pre consumer material).
Post-Consumer-Material	Material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product which can no longer be used for its intended purpose. This includes returns of material from the distribution chain (PCM).
Regrind	Shredded and cleaned material recovered from a waste stream as pre and post-consumer material.
Off-grade	Material, out of specification, disposed of during production.

### 2 Fitness for purpose

#### 2.1 Meaning of recycling process

The process of sourcing, collecting, processing and manufacturing is such that it complies with the requirements of this Kiwa Covenant and makes it possible to use recycled plastic materials for the products as described in this Covenant.

#### 2.2 Determining the fitness for recycling

The relevant properties for the processing of materials in relation to 'recycling' and the verification methods used for this purpose are displayed in Chapter 3 and include the results of the actual verification.

Kreuwel flower pots, containers, buckets, bins and tubs of 100%\* recycled plastic

### 3 Relevant process attributes, the requisite verification method and the assessment of the ‘fitness for obtaining recycled materials’

#### 3.1 Use of materials

The flower pots, buckets, bins and tubs are made of the following materials:

Material	origin
<b>polypropylene and polyethylene</b>	Recycled off-grade – (semi-)transparent
	Recycled regrind – (semi-)transparent or light and black coloured
<b>colour additive</b>	master batch

The used polypropylene and polyethylene and additives are purchased on the basis of a specification and experience with the source; the types and quantities are checked on arrival. The materials applied are mainly shredded, regrind, pre consumer materials; regranulate as pre consumer material is applied as well. In a smaller extent it concerns post-consumer materials.

#### 3.2 Product types applicable

Below list contains the colour codes for the products that fulfil the requirements of this Covenant:

KPA-01 Black	KPA-40 Taupe
KPA-02 Terracotta	KPA-42 Bruin
KPA-03 Anthracite	KPA-69 CYG Paars
KPA-04 White	KPA-70 CYG Groen
KPA-05 Antracite	KPA-71 CYG Roze
KPA-06 R-Grijs	KPA-72 CYG Blauw
KPA-07 Silver	KPA-73 CYG Oranje
KPA-08 E-Grey	KPA-74 CYG Rood
KPA-09 Red	KPA-75 CYG Goud
KPA-11 Bordeaux	KPA-78 L-Geel
KPA-13 Aubergine	KPA-80 Magical blauw
KPA-14 Forever & Ever	KPA-81 Magical groen
KPA-15 Orange	KPA-82 Charming paars
KPA-17 Fuchsia	KPA-83 Lovely
KPA-19 Pink	KPA-84 Farmers Favourite blue
KPA-21 Lilac	KPA-85 Rich and Sprankling
KPA-23 Yellow	KPA-86 Beige
KPA-25 Gold	KPA-87 Diamond groen
KPA-27 Dark Green	KPA-88 Wildkamp blauw
KPA-29 Lime Green	KPA-89 Sunware groen
KPA-31 Light Blue	KPA-91 P-Geel
KPA-33 Dark Blue	KPA-92 ES Blauw
KPA-35 Night Blue	KPA-94 GOG Groen
	KPA-95 C Groen

#### 3.3 Certification Mark

After concluding a Kiwa certification agreement, the certified product, material or process can be indelible presented with the logo below.



## Kreuwel flower pots, containers, buckets, bins and tubs of 100%\* recycled plastic

### 4 Initial inspection and continuous surveillance by Kiwa

#### Initial Inspection:

During a series of initial inspections, the suppliers and Kreuwel are audited to confirm the recycled origin and content of the materials of which the products are made of.

#### Continuous inspection:

Regular audits are carried out, where the recycled origin and content of the materials / products are checked during production.

material	Assessment method
<b>Supplier audits</b>	Verification of continuity of business (licenses)
of shredded material / granulate	Verification of quality system
of masterbatch	Verification of specifications
	Verification of traceability system
	Verification of deliveries to Kreuwel
<b>Kreuwel Plastics</b>	Verification of incoming materials compared to supplier
	Verification of process

### 5 General

#### 5.1 General

Beside the requirements included in this Covenants, also the general rules for certification as included in the Kiwa Regulations for Certification apply.

In particular, these are:

- The general rules for conducting the initial type tests, to be distinguished in:
  - the way suppliers are to be informed about an application is being handled;
  - how the test are conducted;
  - the decision to be taken as a result of the pre-certification tests;
- The general directions for conducting inspections and the aspects to be audited;
- The measurements to be taken by Kiwa in case of Non Conformities;
- Measurements taken by Kiwa in case of improper Use of Certificates, Certification Marks, Pictograms and Logos;
- Terms for termination of the certificate;
- The possibility to lodge an appeal against decisions of measurements taken by Kiwa.

#### 5.2 Report initial investigation

Kiwa records the results of the initial investigation in a report. This report shall comply with the following requirements:

- completeness: the reports verdicts about all requirements included in the Covenant;
- traceability: the findings on which the verdicts have been based shall be recorded traceable;
- basis for decision: the decision maker shall be able to base his decision on the findings included in the report.

#### 5.3 Nature and frequency of external inspections

Kiwa shall enforce inspections at the supplier's site to investigate whether the obligations are met. At the time of validation of this Covenant this frequency has been fixed at 2 inspection visits per year for the supplier of the flower pots, buckets, bins and tubs and a maximum of 1 per year for the material suppliers.

Inspections shall invariably include:

- The IQC-scheme of the supplier and the results of tests carried out by the supplier;
- The correct marking of the certified products;
- The compliance with the required procedures.

The findings of the inspection visits performed shall be traceably recorded, by the certification body, in a report.

## Kreuwel flower pots, containers, buckets, bins and tubs of 100%\* recycled plastic

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### 5.4 Sanction policy

The sanction policy and the weighing of the non-conformities is available through the service page on the website of Kiwa.

### 5.5 Recommendations for customers

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you decide not to accept the product on the basis of the above inspection, please contact:

- Kreuwel Plastics Almelo B.V.

And, if necessary:

- Kiwa Nederland B.V.

For information about storing, transporting, using and disposing the product properly, see the certificate-holder's instructions.