

PRODUCT DESCRIPTION:

Granic® is an **ECOLOGICAL** Masterbatch with a high content of selected, treated and ultrafine calcium carbonate with a very good dispersion.

Granic® 1042 is a product **100% recyclable and just 18 % dependent from crude oil.**

The addition of Granic® goes between 5 and 40 % depending on the final application. This sort of concentrate has remarkable benefits such as an increase of productivity, a reduction of energetic consumption and an improvement of the mechanical properties.

GRANIC® 1042

Calcium carbonate content	82 %
Polymer content	18 % PP
Density	2,0 g/ml
Bulk density	1,2 g/ml
MFI (230 °C/2,16kg)	2,2 g/10min
Humidity	200 ppm
Whiteness (Ry, C/2, DIN53163)	96 %
Mean particle size (D ₅₀)	1,4 µm
Top cut (D ₉₈)	7 µm

MAIN APPLICATIONS

Cast film
Sheet extrusion
Raffia

STANDARD PACKAGING

25 kg bags (pallet 1125kg).



All data exposed relate to average values representative of the production and should be considered only for information and not as contract values.

CONFIRMATION

PRODUCT: Granic[®] 1042

We confirm that the components of this product are certified by our suppliers for its use in the manufacture of plastic materials to come in contact with foodstuffs.

EC- Member States

- The components are conform with the requirements of COMMISSION REGULATION (EU) No 10/2011 of 14th January 2011 on plastic materials and articles intended to come into contact with food, ANNEX I, Table1, incl. subsequent amendments like the EU Commission Regulation: 1282/2011 (28.11.2011), 1183/2012 (30/11/2012) and 202/2014 (03.03.2014) apply to all EU-Member States.

(The normatives and the requirements of Europe Commission 2002/72/CE of 6 august 2002 and 2004/19/EC (1/3/2004), 2005/79/EC (18/11/2005), 2007/19/EC (2/4/2007), 2008/39/EC (6/3/2008) and (EC) No 975/2009 are repealed).

- In reference to article 3 of regulation (EC) N°1935/2004 concerning the generic product safety requirements of materials and articles intended to come into contact with foodstuffs: This product is manufactured in accordance with good manufacturing practice as outlined in Commission (EC) N° 2023/2006.

- Some components of this Granic[®] product have specific migration limits (SML) and comply with the EU directive 2002/72/EC. For more information, please contact with GESTORA CATALANA DE RESIDUOS, S.L.U (GCR Group[®]).

The rules of the EU Directive 10/2011 include a limit of 10mg/dm² on the overall migration from finished plastics articles into food and it has to be controlled on the finished articles. Manufacturers of finished food contact articles as well as the industrial food packers have to make sure that these articles in their actual use are in compliance with the imposed specific and overall migration requirements.

USA -FDA

We certify, according to our suppliers, that the components of above mentioned Granic[®] product, appear in the positive list of products accepted for the fabrication of packaging materials for food contact, as published by the Food and Drug Administration (USA) under regulation FDA 21 CFR. This section in FDA does not include polymers that are used in articles for holding food during cooking.

EC- Packaging directive

Based on the available documentation from raw materials suppliers, GCR Group[®] confirms that this product complies with the European Parliament and Council Directive 94/62/EC of the 20/12/1994 (as amended by 2004/12/EC, 2005/20/EC and (EC) 219/2009) concerning the defined limit(s) of heavy metals like lead, cadmium, mercury and chromium (VI).

QUALITY ASSURANCE DEPARTMENT
Gestora Catalana de Residuos S.L.U

25th April 2014

Laura Ferrer

