GRANIC **1042**

TECHNICAL DATA SHEET

Granic 1042 is an ECOLOGICAL mineral masterbatch with a high content of selected, treated and ultrafine calcium carbonate with an excellent dispersion rate.

Granic 1042 is based on an extra white and fine Calcium carbonate to obtain the best balance of strength and cost reduction.

Irtion, the patented GCR group technology, helps to obtain an efficient dispersion that allows higher dosages improving the end mechanical properties like impact, bending, or stiffness.

The whiteness of Granic 1042 brings opacity and allows reducing the colour masterbatch dosage in the customer formulation.

Granic 1042 is 100% recyclable, environmentally friendly and just 18 % dependent on crude oil.

General technical data

Characteristics	Value	Units	Method
Calcium carbonate	82	%	Internal Method
PP	18	%	Internal Method
Density	2,0	g/ml	ISO 1183
Bulk density	1,2	g/ml	ASTM D1895B
MFI (230°C/2,16 Kg)	2,2	g/10min	ISO 1133
Humidity	200	ppm	Internal Method
Whiteness	96	%	Ry, C/2, DIN53163
Top cut (D_{98})	6	µm	Mastersizer 2000

Main Applications

Cast Film
Sheet extrusion
Raffia

Standard Packaging

25 Kg bags (pallet 1125 Kg)
1250 Kg big bag

TÜVRheinland® CERTIFIED

Product Carbon Footprint PAS 2050:2011

www.tuv.com ID 9105057179

0.430 kg CO_2 eq. per 1 kg of Granic 1042

The mineral present in this Granic product can migrate if the manufactured product is in contact with substances whose pH is below 4.5.
All data exposed relate to average values representative of the production and should be considered only for information and not as contract values.
Note: To maintain the initial quality of the product, follow the guidelines as specified in Paragraph 7 as found in its Material Safety Data Sheet.
The information provided in this data sheet is given only as a guide. The transformer shall be responsible for the processing conditions, the end use of the product non-infringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and designs.