

PRODUCT DESCRIPTION:

Granic 422 is an **ECOLOGICAL** mineral masterbatch specially developed for technical extrusion processes.

Granic 422 is based on a very technical treated ultrafine calcium carbonate with an excellent dispersion rate and combined with a C8 LLDPE to enhance the mechanical properties.

Film | Granic 422 can be used up to 70% replacing virgin or recycled polymer improving impact resistance and tear resistance. It brings stiffness and strength allowing to downgauge without impairing original key mechanical properties. Furthermore, Granic 422 brings additional process advantages: improves the printability, increases the production output and allows decreasing temperatures in process and sealing thanks to its thermal conductivity.

Raffia | Granic 422 can be used up to 25% maintaining the tenacity and increasing elongation at break thanks to the polymeric matrix.

Granic 422 is **100% recyclable, environmentally friendly and just 20 % dependent from crude oil.**

GRANIC 422

Calcium carbonate content	80 %
Polymer content	20 % LLDPE C8
Density	2,0 g/ml
Bulk density	1,2 g/ml
MFI (190 °C/5kg)	1,8 g/10min
Humidity	300 ppm
Whiteness (Ry, C/2, DIN53163)	93,5 %
Top cut (D ₉₈)	6 µm

MAIN APPLICATIONS

Film
Raffia

STANDARD PACKAGING

Bulk
25 kg bags (pallet 1125kg)
1250 kg big bag



Management System
PAS 2050:2011
0,358 Kg CO₂ eq. for kg of Granic 422
9105057179

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.