

PRODUCT DESCRIPTION:

Granic 1081 is an **ECOLOGICAL** mineral masterbatch with a high content of a selected high aspect ratio (HAR) Talc specially designed for extrusion application

Based on very technical PP resin and thanks to an excellent dispersion obtained through Irtrion –GCRs patented technology–Granic 1081 can replace up to 50% of polymer from the recipe.

This product improves bending and impact resistance and brings stiffness allowing to downgauge and improves the HDT resistance of a standard PP.

Furthermore, Granic 1081 can be used as natural nucleating agent in foamed XPP structures.

Granic 1081 is **100% recyclable, environmentally friendly and just 29 % dependent on crude oil.**

GRANIC 1081

Talc content	71%
Polymer content	29 % PP
Density	1,7 g/ml
Bulk density	1,1 g/ml
MFI (230 °C/5kg)	9,4 g/10min
Humidity	400 ppm
Whiteness (Ry, C/2, DIN53163)	88 %
Mean particle size (D ₅₀)	3,9 μm

MAIN APPLICATIONS

Extrusion
Nucleating agent

STANDARD PACKAGING

25 kg bags (pallet 1000kg)
1250 kg big bag



Product
Carbon
Footprint
PAS 2050:2011

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0.590 kg CO₂ eq. per 1 kg of Granic 1081

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.