

## GRANIC 1051

## TECHNICAL DATA SHEET

Granic 1051 is an **ECOLOGICAL** mineral masterbatch based on PP and a high content of fine lamellar talcum with an excellent dispersion rate.

Granic 1051 is used to replace virgin or recycled polymer up to 50% and reinforce compression, bending and impact resistance of the rigid parts.

Thanks to the thermal conductivity of Granic 1051, the process is also improved. Output capacity is increased, lower temperatures are needed and a better line performance can be obtained.

Granic 1051 is 100% recyclable, environmentally friendly and just 25 % dependent on crude oil.

### General technical data

Characteristics	Value	Units	Method
Talc	75	%	Internal Method
PP	25	%	Internal Method
Density	1,8	g/ml	ISO 1183
Bulk density	1,2	g/ml	ASTMD1895B
MFI (230 °C/5 Kg)	6,8	g/10min	ISO 1133
Humidity	300	ppm	Internal Method
Whiteness	84	%	Ry, C/2, DIN53163
Mean particle size (D <sub>50</sub> )	8	µm	Sedigraph

### Main Applications

Sheet

Pipe

Injection

### Standard Packaging

Bulk

25 Kg bags (pallet 1350 Kg)

1250 Kg big bag



PAS 2050:2011  
Granic 1051  
0,537 kg CO<sub>2</sub> eq.  
for 1kg of product  
Verified year 2020  
www.tuv.com  
ID 900000421

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.

