

GRANIC 282

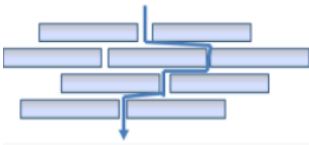
TECHNICAL DATA SHEET

Granic 282 is a specialty mineral masterbatch developed to improve the barrier properties of PE.

Better Barrier | Granic 282 is based on very lamellar mineral with a very fine particle size mineral and excellent dispersion.

Thanks to the specialty mineral, when Granic 282 is added, WVTR and OTR are improved compared to virgin polymer. It can be used in monolayer and coextrusion. Very recommended in food packaging on central layers up to 40% replacing virgin PE.

Granic 282 is food approved and can be used in contact with any food or liquid. No migrations with any acid pH.



Mechanical & Optical Properties | Granic 282 improves stiffness and increases the modulus allowing to downgrade. Transparency is not compromised.

Innovative Formulation | As Granic 282 can be used in lamination films and multilayer structures allowing the converters to customise their formulations. Partial replacement of materials like EVOH or Aluminium is feasible.

Granic 282 is 100% recyclable, environmentally friendly and just 26% dependent from crude oil.

General technical data

Characteristics	Value	Units	Method
Mineral	74	%	Internal Method
Multifunctional copolymer	26	%	Internal Method
Density	1,8	g/ml	ISO 1183
Bulk density	1,1	g/ml	ASTM D1895B
MFI (@190 °C/10kg)	3,0	g/10min	ISO 1133
Humidity	300	ppm	Internal Method
Mean particle size (D ₅₀)	4,0	µm	Sedigraph

Main Applications

Food Packaging

Standard Packaging

25 Kg bags (pallet 1350 Kg)



PAS 2050:2011
Granic 282
0,54 kg CO2 eq.
for 1kg of product

Verified year 2020

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ID 9000000421

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.