

Classification E (normal flammability) according to DIN EN 13501-1  
European Technical Assessment ETA-17/0978

### Product Description

KERAFIX® Everseal NG-N L (low) Granulat is a high quality technical plastic material on the basis of exfoliated graphite which develops a foamed body when heat is applied.

### Application Areas

KERAFIX® Everseal NG-N L (low) Granulat is used as a starting material for injection-moulded parts which expand in the case of a fire.

### Features

- free of organic solvents and halogenes
- applicable for customary injection moulding and extrusion machines

### Technical Data

Composition:	halogen-free, foaming building material on the basis of exfoliated graphite
Material structure:	solid granules
Start of reaction [°C]:	from approx. 175
Foaming rate [x times]:	6.9 to 16.3
Foaming pressure [N/mm <sup>2</sup> ]:	0.209 to 0.671
Colour:	anthracite
Injection pressure [bar]:	400–1000
Melting point [°C]:	approx. 130
Dynamic pressure [bar]:	10–50
Mold temperature [°C]:	20–40
Predrying [°C]:	4 hours at 50



Characteristic		Mean
Melt index DIN EN ISO 1133-1 130 °C / 2.16 kg	MFR [g/10min]	0.13
	MVR [cm <sup>3</sup> /10min]	0.14
Melt index DIN EN ISO 1133-1 130 °C / 21.6 kg	MFR [g/10min]	12.5
	MVR [cm <sup>3</sup> /10min]	11.5

### Supply Formats

In octabin à 500 kg or at customer request

*Please note that the use of our granules may cause signs of wear for reasons of abrasion.*

*Please observe the safety data sheet.*

### Note

The information in this brochure is based on our knowledge and experience to date. This information does not release the user from carrying out independent tests and trials due to the various influences when processing and applying our product. It is not possible to derive a guarantee of certain properties or suitability of the product in a concrete application case based on our information. All the descriptions, drawings, photographs, data, conditions, weights etc. included may change without previous announcement; they do not constitute the contractually agreed property of the product. The recipient of our product is responsible to observe any trademark rights and existing laws and regulations.