

Kerafix® Granulat NG-N H

Classification E (normal flammability) according to
DIN EN 13501-1

European Technical Assessment ETA-17/0978

Product Description

Kerafix® Granulat NG-N H (high) 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® Granulat NG-N H 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 moulding injection moulding and extrusion machines



Technical Data

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| Composition: | Halogen-free, foaming building material on the basis of exfoliated graphite |
| Material structure: | Solid granules |
| Granulation: | 2 - 4 mm |
| Start of reaction [°C]: | from ca. 175 |
| Foaming rate [x-times]: | ca. 16 times |
| Foaming pressure [N/mm ²]: | ca. 0.65 |
| Colour: | Anthracite |
| Injection pressure [bar]: | 400 - 1000 |
| Melting point [°C]: | ca. 130 |
| Dynamic pressure [bar]: | 10 - 50 |
| Mold temperature [°C]: | 20 - 40 |
| Predrying [°C]: | 4 hours at 50 |

Supplied Forms

In octabin á 600 kg or on customer request

Please observe the safety data sheet!

Note

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