

Kerafix® Granules NG-N H

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

Product Description

Kerafix® Granules NG-N H (high) is a high quality technical plastic material based on exfoliated graphite which develops a foamed body when heat is applied.

Benefits

- Free of organic solvents
- Halogen free
- Applicable for customary moulding, injection moulding and extrusion machines



Areas of Application:

Kerafix® Granules NG-N H is used as a starting material for injection moulded parts which expand in the case of fire.

Technical Data

Composition	Halogen-free based on expandable graphite
Material structure	Solid granules
Granulation	2-4mm
Start of reaction	From ca. 175°C
Expansion rate	Ca. 16 times
Expansion pressure (N/mm ²)	Ca. 0.65
Colour	Anthracite grey
Injection pressure (bar)	400-1000
Melting point	Ca. 130°C
Dynamic pressure (bar)	10-50
Mold temperature	20-40°C
Predrying	4 hours at 50°C

Availability

Kerafix® Granules NG-N H is supplied in octobins of 600kg or on customer request.