



## Intumex® IG - Fire stopping granulate

### General

Intumex® IG is an intumescent graphite and plastic based granulate with a starting temperature of approx. 190°C.

### Area of application

Intumex® IG is used as base material for fire stopping injection moulded parts, which are creating pressure on expansion.

### Properties

- ⇒ Processible with standard injection moulding equipments
- ⇒ Resistant to humidity and atmospheric influences
- ⇒ Free of organic solvents and halogens

### Technical Data

Colour	Anthracite grey
Appearance	Solid granulate
Bulk density	approx. 430g/l
Reaction to fire	B2, normal combustible
Expansion temperature	Approx. 190°C
Expansion ratio	7.0mm/g (30minutes, 550°C, loaded)
Expansion pressure	minimum 0.2N/mm <sup>2</sup> (300°C)
Humidity resistance	Insoluble / hygroscopic (no effect on fire performance)

Above indicated data of expansion ratio and pressure are taken from the DIBT building material approval. The actual expansion ratio as well as the generated expansion pressure are essentially depending on the fire test of the assembly and also on the joint dimensions of the construction itself.

### Processing note

- ⇒ Dry Intumex® IG before processing
- ⇒ For further processing instructions please contact us

### Test certificate / Approval

- ⇒ DIBT Z-19.11-1787

### Packaging

- ⇒ 500 kg per Big Bag
- Subject to change!

### Storage requirements

- ⇒ Store in cool and dry conditions

### Safety instructions

- ⇒ Keep out of reach of children
- ⇒ Avoid contact with food or beverages
- ⇒ Please refer to the safety data sheet for additional advice

