



Foaming agent for epoxy resins

CHARACTERISTICS

| | |
|--------------------|---|
| Application | Blowing Agent to create Epoxy Foam Resins |
| Processing | Has to be mixed into the Resin carefully before processing. |
| Storage | Shelf life of 24 months in originally sealed containers. |

TYPICAL PROPERTIES

| Property | Unit | Foaming agent |
|--------------------------------|-------------------|-------------------------|
| Density ¹⁾ | g/cm ³ | 1.0 |
| Viscosity ¹⁾ | mPa·s | 15 – 25 |
| Refractive index ¹⁾ | – | 1.3950 – 1.3970 |
| Flash Point | °C | > 110 |
| Appearance | | Colorless, clear liquid |

Measuring conditions:

1) measured at 25°C

Processing

Adequate tests are mandatory to find the optimum concentration of blowing agent, because numerous factors improve the density of the cured foam. Usual mixtures of resin and blowing agent are in the range of 100:1 up to 100:3.

The maximum content of blowing agent should be 100:5.

Please notice that the blowing agent has to be mixed only into the Resin never into the hardener!