# Foaming Agents

## Polyurethane / **Gritene® n-Pentane**

**Gritene® n-Pentane:** Polyurethane foaming agent with lesser affectation in SEVESO.

Gritene® n-pentane is a pentane mixture designed to replace n-pentane in the polyurethane industry. Due to its design, it maintains the properties provided by n-pentane, but the boiling point of the mixture is increased, moving the classification from extremely flammable liquids and vapors to highly flammable liquids and vapors. With this change, a reduction in the affectation of the danger and affectation of the product in terms of SEVESO regulations is achieved.

### Chemical Name:

Normal-pentane, isopentane, cyclopentane

### CAS Number:

N/A

### Technical Characteristics:

> Highly flammable and colorless liquid hydrocarbon.
> Good chemical stability.
> Thermal conductivity similar to that of n-pentane.
> Does not affect the ozone layer and low global warming potential (GWP).
> Product with less impact in terms of SEVESO regulations due to not being considered an extremely flammable liquid.

### Packaging:

- Drums
- Roll drums
- Containers - Tank

### Applications:

Polyurethane mainly for the manufacture of sandwich panel or mixed with other hydrocarbons.

EPS

XPS

## Properties:

| Chemical Formula | C5H12 | |
|---|---|---|
| Molecular Weigh | 72 | g/mol |
| Boiling Point | 25 | °C |
| Vapor pressure (20ºC) | 0,55 | bara |
| Vapor pressure (50ºC) | 1,55 | bara |
| Liquid Density (20ºC) | 0,63 | kg/l |
| Liquid Density (50ºC) | 0,60 | kg/l |
| Thermal conductivity (20ºC) | 13,8 | mW/mK |
| LEL (Lower Explosive Limit) | 1,1 | % volume |
| UEL (Upper Explosive Limit) | 7,8 | % volume |

## More information:

If you want more information about our products, contact us.


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