Agentes hinchantes

Polyurethane / **Cyclopentane / Isopentane**

Cyclopentane-isopentane (70:30): Foaming agent for polyurethane.

Cyclopentane-isopentane is a mixture of pentanes that allows a good relationship between low thermal conductivity, good mechanical properties and adjustment in production costs. The fact that the mixture is considered a highly flammable liquid facilitates the legalization of its storage and has less impact in terms of SEVESO regulations.

Chemical Name:	CAS Number:
Cyclopentane - isopentane	N/A

Technical Characteristics:

> Highly flammable and colorless liquid hydrocarbon.
> Good chemical stability.
> Good relationship between thermal conductivity and mechanical properties.
> 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 high insulation PU or mixed with other pentanes.

Properties:

Chemical Formula	C5H12	
Molecular Weight	70,7	g/mol
Boiling Point	41	°C
Vapor pressure (20ºC)	0,5	bara
Vapor pressure (50ºC)	1,3	bara
Liquid Density (20ºC)	0,70	kg/l
Liquid Density (50ºC)	0,67	kg/l
Thermal conductivity (20ºC)	12,4	mW/mK
LEL (Lower Explosive Limit)	1,1	% volume
UEL (Upper Explosive Limit)	8,7	% volume

More information:

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

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