

Foaming Agents

Extruded Polystyrene / R-152a / DME



R -152a / DME Mixture: Foaming agent for XPS foams.

The mixture of R-152a with dimethyl ether is mainly used in the manufacture of XPS panels, it is a mixture that can be made with different composition ranges depending on the customer's needs.

Chemical Name:

1,1-difluoroethane - dimethyl ether

Technical Characteristics:

- > It has a lower GWP than pure R152a.
- > Good mechanical, dimensional, and thermal conductivity properties in XPS.
- > Carbon dioxide can be mixed into XPS without the need to add ethanol to the formula because DME can dissolve carbon dioxide.
- > By including the DME, the polystyrene plasticizes more, so the processability is slightly different from that of pure R152a.
- > By containing DME, the average molecular weight of the mixture is reduced, increasing the swell capacity per kg of gas added to the formula. This increase depends on the amount of DME that is included in the mix.

Packaging:

- Cylinder
- Roll drums
- Tank

Applications:



Polyurethane Aerosol Propellant



Foaming agent for XPS

More information:

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

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