Cyclo pentane

Description

Like all cyclic alkanes (naphthene's, saturated hydrocarbons), Cyclopentane is a very good solvent for non-polar substances, fats and oils. However, the value of cyclopentane lies in another application. Its unique structure, combined with a relatively low boiling point, make it a preferred molecule for the manufacture of polyurethane insulation board. Cyclopentane not only foams the material, but some of it remains in the foam cells, and its special physical properties contribute to an even better insulating effect.For this reason, it is used not only in the construction industry for insulating house facades, but also in the manufacture of particularly efficient refrigerators, freezers, cold stores and trucks for transporting frozen or very temperature-sensitive goods.

Technical specification

Parameters	Specifications
Content of cyclo-pentane, %	95 min
Content of n-hexane， %	0.001 max
Benzene content, %	0.0001 max
C6 and other hydrocarbons, %	Residue
Sulfur content, ug/ml	2 max

Applicaiton

- Blowing agent for polyurethane foams
- Insulating boards for building insulation
- Refrigerators, freezers
- Refrigeration logistics
- Solvents
- Fine chemicals

Add: Damatou New material industrial Park, Guangrao,Dongying City, Shandong Province, China
Tel:0086-546-6600777; Mobile: 0086-13210385766
Email: Oilsolvent@163.com； edward@runzekem.com; sales@runzekem.com

Packing

150kg per drum;

Safety

Refer to MSDS

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