From Do-it-yourself to industrial applications, our solutions are available for

Industrial insulation
Car bumpers
Buildings insulation

And much more

Your direct contact:

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Rigid and insulating, naturally efficient foams: 
Plant-based solutions for a sustainable development

Thanks to more than 80 years of experience in the starch industry, Roquette is able to provide its customers with state-of-the-art solutions that meet their needs. Our application laboratories and our experts are at your service to offer you application advice and help with project implementation.

> Are you looking for plant-based materials?
> Are you trying to find cost effective solutions?
> Do you need pure and consistent solutions?

A tightly cross-linked structure is required for the rigid polyurethane foams used in construction, refrigeration packaging and insulation. Highly functional polyether polyols with low molecular weight based on initiators such as sugar and sorbitol are therefore often used. Sorbitol can also be used in high resilience flexible foams for bedding and car seating. Sorbitol-based polyether polyols are superior in many ways to those using sugar as a starter.

Thanks to our expertise, we can assist you in enhancing the quality of your rigid PU foams by providing you effective sorbitol solutions. Indeed, the purity and chemical functionalities of our products will help you to manage your process costs while producing high quality PU.

Viscosity (at 40°C mPas.)

- Sugar glycerol based PEP
- Sugar based PEP
- Sorbitol based PEP

Hydroxyl value

Our solutions

- Easier use
- Better flowing properties
- Easier formulation with new blowing agents

- Very little discoloration
- Better performances in hard synthesis conditions
- Low free reducing sugar level

- High cellularisation
- Low K value
- Closer and smaller cells

NEOSORB®

Plant-based and Biodegradable raw materials

Improved performance

- Easier use
- Lower viscosity
- No yellowing or browning effect

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