

Svenska Aerogel develops thermal insulation in textiles

- Consortium agreement with textile industry

Quartzene in paint & coatings is one of Svenska Aerogel's focus areas and several projects are generating new products with Quartzene to the market. Svenska Aerogel is now showing another area of use for Quartzene. Technical textile with Quartzene - QuarInTex.

Quartzene is noted for the effective insulating properties as an additive in a product. Svenska Aerogel is now collaborating with one of Europe's largest textile industries to develop a manufacturing process that enables Quartzene to be integrated into a variety of woven textiles to produce textile-based thermal insulation materials and fabrics.

The consortium agreement includes Sun Tekstil, one of Europe's largest manufacturers in the textile industry, producing collections and manufactures clothing for some of the world's most popular fashion brands. In addition to the clothing industry, they work with military textiles, vehicle textiles, work wear and medical textiles.

The project is run as a consortium in which also a leading paint manufacturer, DYO Boya Fab, participates with the aim of promoting a completely new environmentally friendly binder to the technical textile market. The company conducts export trade in some 40 countries.

Technical Textile means focusing on function. And with Quartzene as an additive, we get a textile that insulates against heat and cold. This is of great importance for building construction and the automotive industry, for example, where a textile can replace much more space-consuming material. Interest from the clothing industry is also great. Specific work wear requires strong insulation protection, as well as clothing and equipment used in extreme weather conditions.

The project is partly financed through Eurostar-eureka, where Vinnova stands for the Swedish part with about SEK 2.5 million distributed over the project's 30-month duration. The other two parties to the agreement are Turkish companies. Svenska Aerogel coordinates the project.

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Svenska Aerogel has developed Quartzene, the Next Generation aerogel. Quartzene is an additive material for products in thermal insulation, paint&coatings, filtration and printability. Svenska Aerogel Holding AB is listed on Nasdaq First North Growth Market. Certified Adviser is FNCA info@fnca.se +46 8 528 003 99.

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