

Borealis Makes Great Strides in Wire and Cable Market

Borealis, a provider of innovative plastics solutions, was presented with the Frost & Sullivan 2011 Europe Product Leadership Award in HVDC Cable Insulation Market last year. In this field, Borealis has introduced crosslinked polyethylene (XLPE) based insulation compound Borealis Superclean LE4253DC.

As a result of its high electrical breakdown properties, Superclean LE4253DC brings performance reliability improvements to HVDC cables. The compound offers the right balance between space charge accumulation, conductivity and DC breakdown strength and allows cost-effective manufacturing in conventional CV lines.

"Borealis, through its in-depth understanding of the HVDC cable application, as well as concrete focus on developing products specifically to match the unmet needs of their customers, has consolidated its leading position in the future. Cables manufactured with Superclean LE 4253 DC XLPE insulation ensure faster installation, lower electric losses, higher operating temperature, improved transmission reliability and have a lower environmental impact compared with traditionally used insulation systems," said Deepak Karthikeyan, Senior Research Analyst, Chemicals, Materials and Foods, Frost & Sullivan. Marc Hubert, Borealis Vice President of Wire & Cable concluded: "The HVDC cable insulation market continues to develop with high growth expected in the future. We are already working on the next generation compounds to meet future market needs for HVDC." The group will also highlight its continued innovations at 'wire Dusseldorf 2012.' The international wire and cable trade fair will take place in Dusseldorf, Germany, March 26-30.

According to the company, through this technology, it is possible to produce cross-linked polyethylene (XLPE) insulation and semicon products with consistent quality and the highest purity. This is primarily enabled through the application of a closed production loop — from the monomer to final packaging. Consequently, this gives power cable manufacturers the opportunity to enter high-end and most demanding applications with XLPE cable solutions such as EHV and DC power cables. "As leading innovators in the wire and cable industry, Borealis and Borouge have proven to be

long-term, reliable assets to the industry," said Hubert. "With our proprietary technology for XLPE and semicon compounds, we have invested in our future and that of our customers and will continue to provide them with new, exciting innovations. I encourage our existing and potential new customers to visit us to find out more about our unique proprietary technology

and the corresponding latest power cable solutions that will be revealed on our stand."

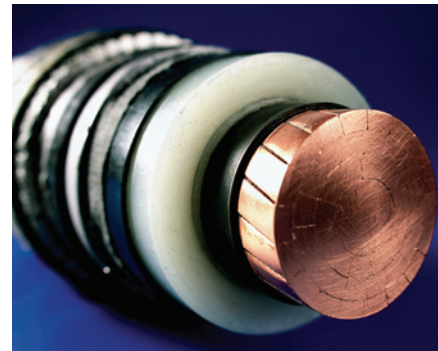
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