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TeXtreme® reduces weight of carbon composite parts in Formula 1

Borås, Sweden January 5nd – The new Spread Tow Fabric, TeXtreme® have successfully been used in bodyworks on Formula 1 cars enabling weight saving of 25-30%.

By replacing traditional carbon fibre reinforcements with the Spread Tow Fabric, TeXtreme® several Formula 1 teams have been able to produce composite parts that are 25-30% lighter than the parts produced using regular reinforcements. The parts are mostly body panels but tests and evaluation projects are in progress to also produce structural parts.

TeXtreme®, give the users and manufacturers of composite parts new opportunities to lower weight and increase performance even more. Through the unique Spread Tow Fabric technology, traditional fabrics made of 1k, 3k and 6k carbon tows can be replaced by TeXtreme® fabrics produced from heavier tows like 12k or higher. TeXtreme® fabrics are available in areal weights starting as low as 76gsm and several types of different carbon fibres.

This is a great recognition and proof of the technical superiority of the Spread Tow Fabric concept and we see a great potential in the use of TeXtreme® throughout the whole racing industry – says Andreas Josefsson, VP Business Development at Oxeon AB. The breakthrough in Formula 1 has already led to more tests and introduction of TeXtreme® in other segments of the racing market according to Josefsson and the outlook for 2009 is very promising.

About Oxeon

Oxeon develop produce and sell spread tow carbon fiber fabrics – TeXtreme® and spread tow UD tapes – TeXero®. Oxeon's novel spreading and weaving technologies enable production of ultra light weight and high performance carbon fabrics even from large tows (12k and higher).



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