

Press Release

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DSM introduces Somos® PerFORM for 3D Printing

Royal DSM, the global Life Sciences and Materials Sciences company, introduces Somos® PerFORM, the latest composite material for 3D Printing, answering the need for parts that require thermal stability, extreme accuracy and a quick turnaround. Users can achieve maximum accuracy and detail with a reduced processing time with Somos® PerFORM, which is available for 355nm and 365nm photopolymer-based machines for 3D printing.

"We are thrilled to announce the latest addition to the Somos® product portfolio and the expansion into 365nm equipment," says Kelly Hawkinson, Global Marketing Manager Somos®. "Somos® PerFORM creates durable parts with dimensional stability, high detail and excellent surface finish that are ideal for the rigorous testing in the automotive and aerospace industries. The added durability of Somos® PerFORM allows tooling to be designed with the strength needed to achieve more parts per mold than traditional stereolithography materials used in the injection molding industry."

Based in Cologne, Germany, Toyota Motorsport GmbH offers design, development, testing and production services to the Toyota family, as well as external, independent clients with wind tunnel services, engine testing and electric vehicle development. TMG runs 10 stereolithography machines with a large capacity to handle a multitude of requests to deliver wind tunnel parts and even actual bodywork parts for their hybrid high performance race cars. TMG has introduced Somos® PerFORM into the portfolio of materials that they run for stereolithography, a distinct and unique subset of 3D printing.

"Toyota Motorsport GmbH is proud to have such a mutually-beneficial relationship with DSM. It has been a fascinating experience to work together on the development and first commercial use of Somos® PerFORM," says Gerard Winstanley, Toyota Motorsports GmbH, Manager Composites Fabrication and Rapid Manufacturing. "We are extremely excited about the high-definition detail and side wall quality of the parts, along with its stability and ease of processing in our stereolithography equipment. The advances we have seen with Somos® PerFORM have allowed TMG to break into a new area of the industry and this perfectly illustrates how big of a step DSM has made with this material. Using Somos® PerFORM, TMG is now able to produce tooling for injection molding; combining the cost efficiency and fast production times of traditional additive manufacturing with the accuracy and high definition required in the injection molding industry. This has been made possible through the innovative characteristics of Somos® PerFORM and we are looking forward to sharing these advantages with our customers in the very near future."

With Somos® PerFORM, your next project will be on the fast track to creating a new, brighter future.

DSM - Bright Science. Brighter Living.™

Royal DSM is a global science-based company active in health, nutrition and materials. By connecting its unique competences in Life Sciences and Materials Sciences DSM is driving economic prosperity, environmental progress and social advances to create sustainable value for all stakeholders simultaneously. DSM delivers innovative solutions that nourish, protect and improve performance in global markets such as food and dietary supplements, personal care, feed, medical devices, automotive, paints, electrical and electronics, life protection, alternative energy and bio-based materials. DSM's 24,500 employees deliver annual net sales of around €10 billion. The company is listed on NYSE Euronext. More information can be found at www.dsm.com.

About Somos®

DSM believes that 3D printing is a major change agent for the world creating brighter lives for people today and generations to come. Somos® Materials move the Additive Manufacturing industry to a new level of performance. We are dedicated to customer grow in the ever-changing world of 3D Printing and promote this growth through continuous material and application development, encouraging industry collaboration and maximizing customer asset value by providing continuous information and support. More information about Somos® can be found at www.dsm.com/somos.

About TOYOTA Motorsport GmbH

TOYOTA Motorsport GmbH (TMG) has been based in Cologne, Germany since 1979 and built its reputation in the World Rally Championship, winning four drivers' and three manufacturers' title during a long participation which ended in 1999. TMG was also the home of TOYOTA's works Le Mans 24 Hours (1998-1999) and Formula 1 (2002-2009) teams, both of whom achieved pole and podium positions, and a tuning and sports conversion subsidiary (established in 1994). Since 2009, TMG is a leading engineering services supplier, offering its cutting-edge development facilities and know-how to a range of industries. It is also a pioneer in electric vehicle development and set new EV records at the Nürburgring Nordschleife and Pikes Peak International Hill Climb in 2012. Since 2012, TMG has competed in the FIA World Endurance Championship, competing with a hybrid car designed and built in Cologne. <a href="www.toyota-motorsport.com/www.toyota-motorsport.com/www.toyota-motorsport.com/www.toyota-motorsport.com/www.toyota-motorsport.com/www.toyota-motorsport.com/www.toyota-motorsport.com/alastair.moffitt@toyota-motorsport.com/

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