

Addition of DSM grades to Digimat Database Enables Automotive Engineers to Achieve Efficient Plastic Designs with No Compromise

DSM grades will be added in e-Xstream engineering's Leading Material Modelling Database

Hautcharage, LUXEMBOURG – October 18, 2016 --- A new version of Digimat, the leading non-linear multi-scale material and structural modelling platform from e-Xstream engineering, an MSC Software Company, will feature an expanded database with DSM grades, a global supplier of high-performance engineering thermoplastic solutions. These grades are PPA, PA46, PA6 and PA66. The new version will be available for download at the end of November 2016.

“For years predictive capabilities are an integral part of our application development enabling our automotive customers to develop plastic parts that meet stringent NVH and mechanical requirements to improve fuel economy of the vehicles. Automotive customers increase the amount of in-house plastic part optimization and have a clear need for more accurate material models. For DSM Engineering Plastics, Digimat material models are very valuable, and we are fully committed to continuously support in improving and updating the models”, says Ralph Ramaekers, Marketing Director Automotive at DSM Engineering Plastics.

“We are very happy to work with DSM to provide the market with high quality material models in our Digimat Material eXchange platform. These data are a must for an effective and efficient engineering of plastic component with no compromise in terms of lightweight, performances and costs.” – Guillaume Boisot, Business Development Manager, e-Xstream engineering

The grades included in the database are typically being used for metal replacement in structural parts, ranging from polyamide 6 all the way up to our latest polymer invention based upon the PPA ForTii platform.

PPA: Fortii MX1, ForTii MX3 and a complete new high performance polymer to be launched at the K-show later this month.

PA46: Stanyl TW241F10, Stanyl Diablo OCD2100

PA6: Akulon K224-PG6, Akulon K224-PG8, Akulon K224-HG6, Akulon K224-HG7, Akulon K224-HG8, Akulon K224-HG0

PA66: Akulon S223-HG6, Akulon S223-HG7, Akulon S223-HG0, Akulon Diablo HT-HG6, Akulon Diablo HT-HG0

About e-Xstream engineering

Founded in 2003, [e-Xstream engineering](#), an MSC Software Company is a software and engineering services company 100% focused on the multi-scale modeling of composite materials and structures. The company helps customers, material suppliers, and material users across many industries reduce the cost and time needed to engineer innovative materials and products using Digimat, the nonlinear multi-scale material and structure-modeling platform. Since September 2012, e-Xstream engineering is a wholly owned subsidiary of MSC Software Corporation.

About DSM

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 and its associated companies deliver annual net sales of about €10 billion with approximately 25,000 employees. The company is listed on Euronext Amsterdam. More information can be found at www.dsm.com.

Press contact (DSM): Ariela Verboord

DSM Engineering Plastics

Tel.: +31 46 477 0077 | Fax: +31 46 477 3959

E-mail: Ariela.Verboord@dsm.com

Press contact (e-Xstream engineering): Mira Toth

Email: mira.toth@e-Xstream.com

Tel: +352 26176607 / 21