

ture resistant polymer PEKK. In comparison to other high-temperature polymers, the wear and friction characteristics of compounds from this line exhibit a low and particularly uniform curve up to 165°C, says Lehvoss.

The group is also entering the 3D printing arena with Luvocom 3F. The materials are optimised for use in extrusion-based 3D printing processes, including fused filament fabrication. The company has started its own pilot plant for 3D printing.

➤ www.lehvoss.de

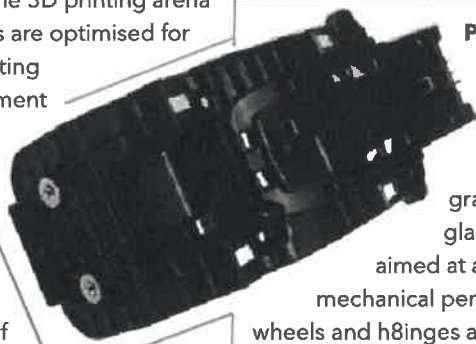
Nordman Rassmann (NRC Group) will display a number of introductions from its principals including performance polymers, blowing agents, friction modifiers and purging agents. Leona 92G60, for example, is a recent PPA addition to the Asahi Kasei product line offering very high rigidity and strength along with good flow properties and a high-gloss finish. According to the company, moulds can be run at just 100°C, much lower than most other PPAs, which allows shorter cycle times and higher production rates to be realised.

The company will also show examples from Kuraray's Genestar PA9T family, which are said to offer very good sliding and wear performance for gear applications. The range includes glass reinforced and natural types. And a number of compounds from Ube, which opened its new compounding facility at Castellon in Spain earlier this year, will also be on display. Several non-reinforced PA6 and PA12 grades are already being sampled by customers, the company says.

A recent addition to the Marfran SEBS TPE line from Francesco Franceschetti Elastomeri is a grade with pre-incorporated Masterfran blowing agent for wine and spirit closure applications. Herolub FMA fluorinated micropowders from Heroflon offer

cost effective tribological modification while maintaining thermal stability. NRC will also show the Clean X purging compound range from Polytechs.

➤ www.nordmann-rassmann.com



Polykemi will introduce a new line of high performance compounds under the Scanrex name. The first two products in the series are PPA grades containing 30 and 50% glass fibre reinforcements and are aimed at applications requiring high mechanical performance such as gear wheels and hinges and automotive mass measuring valves and throttle bodies.

The company will also show a new addition to its Polylux blend family. Polylux PC/PBT MP 4011 is intended for automotive exterior applications and is claimed to offer a broad process window together with high gloss and good surface finish.

➤ www.polykemi.com

The Fakuma fair provides a platform for **Proell** to promote a number of new products for coating and decorating plastics, as well as ink systems for Film Insert Moulding (FIM) technology, and screen and pad printing inks. Norilux DC is a formable, abrasion resistant dual cure screen printing lacquer, which can be used as protective lacquer or hard coat on PC, PMMA, ABS and PP films. The company says that it is ideally suited for first surface coating/protection of products manufactured in IMD/FIM technology.

Noriphan XMR is a halogen-free two-component ink system for IMD/FIM technology. Proell says that it is formable, shows extremely high wash-out resistance and good cohesion in compounds. The mild screen printing ink can be used as decorating ink or wash-out protective layer on PC films and PET films. Noriphan XMR can be printed on Noriphan HTR N and vice versa.

NoriPress PP is an adhesion promoter for IMD/FIM technology, which makes back moulding of second surface screen printed PP films with PP injection moulding material possible. Previously, only back moulding of PP film laminates was possible.

Matt Lacquer ATM WB 6 is an amended water-based, UV-stabilised and formable matt lacquer system for overprinting polycarbonate film instrument gauges, such as speedometer panels. Printed films are deep-drawable by vacuum or high pressure forming. Nori Protect XCP is a glossy, solvent-based

Right: Polykemi's new Scanrex PPA grades target demanding automotive applications

Below: Proell's Noriphan XMR is a halogen-free two-component ink system for IMD/FIM processing

