

## **Enjoy sports: A frame revolution for sport glasses with transparent polyamide TROGAMID® by Evonik**

At MIDO 2017 in Milan Italy, Evonik demonstrated its new application for the sport glasses' frame manufactured with TROGAMID®, a kind of high performance plastic with excellent transparency properties. TROGAMID® is considered to be the ideal replacement for already established materials by means of its improved wearing experience and enduring style.

### **Fashion but more wear comfort with TROGAMID®**

Suitable sport equipment not only symbolizes the fashion but also brings comfort and convenience to the consumers. Sport enthusiasts are always looking for the lighter sport equipment.

Characterized with its lightweight construction, TROGAMID® CX9704 makes the sport glasses' frame lighter than other materials. Therefore, the wearing experience will be significantly improved. Meanwhile, the advantages of TROGAMID®'s outstanding transparency as well as the easy processing and coloring give the freedom in design and guarantee the fabulous appearance.

### **Enduring and unbreakable to enjoy sports**

Sand, dust, creams or sweat-sunglasses are exposed to a lot. Low temperature and tough weather condition will also influence the frame's enduring performance. Manufactures were obsessed with these unsolved problems in the past. However, thanks to the excellent chemical resistance, TROGAMID®-based sport glasses frame is free from sun cream's damage and assured with longer product cycle. In addition, TROGAMID®'s remarkable weathering resistance under extreme condition also offers the glasses more ductility but strong and enduring performance even under the extreme weather.

### **Cooperation between Evonik and JAAN LIH Optical**

The success of this innovative application is built on the cooperation between Evonik and JAAN LIH Optical Co.,Ltd. As a pioneer in the lens and eyewear industry in Taiwan, JAAN LIH is

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specialized for manufacturing sports eyewear, sunglasses, high quality lenses and personal protective equipments. Evonik supplies the TROGAMID® material and provides the technical expertise to support JAAN LIH in developing such application while JAAN LIH, as a strategic partner, has made efforts to create better sport glasses wearing experience for the sports fans.

#### **Company information**

Evonik, the creative industrial group from Germany, is one of the world leaders in specialty chemicals. Profitable growth and a sustained increase in the value of the company form the heart of Evonik's corporate strategy. Its activities focus on the key megatrends health, nutrition, resource efficiency and globalization. Evonik benefits specifically from its innovative prowess and integrated technology platforms. Evonik is active in over 100 countries around the world. In fiscal 2015 more than 33,500 employees generated sales of around €13.5 billion and an operating profit (adjusted EBITDA) of about €2.47 billion.

Evonik Industries has been producing specialty chemical products in the Greater China region (Mainland China, Hong Kong and Taiwan) since the late 1970's; with wide-ranging trading relations already in place prior to this in the region. Evonik regards Greater China as one of the driving forces of the global economy and we consequently endeavor to grow our business in the region. The company now has around 3,000 employees in the Greater China region, the regional sales reached over €1.3 billion in 2015.

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