

INDIA

Gem Enviro unveils recycled polyester fibre Rivivere

Gem Enviro Management Pvt Ltd has launched Rivivere, a recycled polyester fibre produced by Ganesha Ecosphere Ltd, to manufacture spun yarn and premium fabrics at the recently concluded Yarn, Fabric and Accessories (YFA) 2016 trade show. GEM displayed formalwear, casualwear and activewear fabrics, blended with various other yarns like cotton, and Lycra.

Ganesha Ecosphere is India's leading recycling company with a 25 per cent market share, primarily engaged in the production of recycled polyester staple

fibre from waste PET bottles and recycles more than 4.4 billion bottles annually.

Gem Enviro Management is an organised packaging scrap management company that provides complete value chain solutions for packaging scrap management to its clients.

Indian textile machinery industry to grow to ₹35,000 cr

The size of the textile machinery industry in India is going to touch ₹32,000-35,000 crore in the next five years compared to the present ₹22,000 crore. This is due to 'Make in India' and other government schemes and incentives for the textile manufacturing sector.

"The machinery manufacturing sector is one of the important segments of the textile industry in India," India International Textile Machinery Exhibitions (India ITME) Society chairman Sanjiv Lathia told reporters.

"With the government's initiatives like 'Make in India' and incentives for manufacturing sector, we expect the size of India's textile machinery industry to touch ₹32,000-35,000 crore in the next five years from the present ₹22,000 crore," Lathia said.

India's total textile and apparel exports were valued at \$40 billion in FY16 and they are likely to reach \$223 billion by 2021, he added.

According to him, it is utmost necessary that textile machine

manufacturing industry strengthens its base for efficiency and quality output through innovations, as the textile industry is the second largest employer in India after agriculture.



Nahar to increase fabric production with Monforts units

Nahar Industrial Enterprises (NIEL), a vertically integrated textile manufacturer with operations ranging from spinning through to weaving and processing, has announced that two new units of Monforts, a global leader among the manufacturers and exporters of textile machines, have been installed to increase the production of Nahar fabrics.

Nahar fabrics No 2 division will increase its fabric output by one-third following the installation of the two new Monforts units. Fabrics No 2 division

of Nahar Industrial Enterprises will be able to increase its fabrics output from 1.5 million metres per month to 2.2 million metres with the installation of a Monforts Montex stenter and a Thermex continuous dyeing range.

ATE Enterprises, the Monforts representative for India, installed the two machines during the latter half of 2016.

"The division has two process units, the first established in 1999 and the second becoming operational in 2007. Fabrics No 1 unit is producing 2.5 million metres per month. We have not been able to run at our full capacity before, as we did not have the dyeing capacity. Installing the Thermex dyeing range and the Montex stenter will enable us to reach our full capacity of 2.2 million metres within the next 12 months," said SS Basu, president of Nahar Fabrics.

Nahar Fabrics uses exclusively European technology, with equipment from Germany, Italy and Switzerland, and uses dyes and chemicals from Europe. The company has Thermex, Montex, and Monfortex units installed earlier in both of its fabrics divisions.

RIL's Only Vimal DEO2 technology receives US patent

The DEO2 process technology of Reliance Industries Ltd's (RIL) iconic Only Vimal brand has been granted a patent by the US government's United Sates Patent & Trademark Office. The DEO2 technology enables fabric to resist the settlement of micro-organisms offering freedom from perspiration odour. This marks new feat in RIL's technological advancement.

RIL's DEO2 is a unique innovative fabric processing technology that provides anti-microbial finish on fabric that arrests the growth of fungi and bacteria, keeping the fabric clean and fresh. It allows to process 100 per cent wool, 100 per cent rayon, 100 per cent

polyester, polyester/viscose, polyester/wool and other combination fabrics with anti-microbial coating.

The DEO2 technology allows fabric to prevent the settlement of microorganisms offering freedom from sweat stink and aid maintain fabric remain fresh throughout the day. It also enables the fabric to withstand extreme temperature and demanding daily tasks.

The fabric provides protection to the users even after more than 100 home washes. Furthermore, the DEO2 coating also provides protection from ill effects of ultra violet rays emanated from sun rays. The Indian government had granted patent to DEO2 technology in July 2015.

"The US patent award is a testimony to our thrust on the technological innovation. Our textile manufacturing processes are amongst the best technologically and innovative process available globally. At Reliance we emphasise on making cutting-edge concept design, processes and products research that provides benefits to the end customers," said Pradeep Bhandari. CEO (textile business), RIL.

RIL sells both fabrics as well as apparel with DEO2 under Only Vimal brand. The Only Vimal fabrics are sold under DEO2 sub-brand and all apparels made out of DEO2 processed fabrics are labelled with, detailing the concept and benefits of DEO2 fabric.