

# THE TEXTILE MAGAZINE

ASIA'S LEADING TEXTILE INDUSTRY MAGAZINE

DAILY NEWS UPDATES FROM THE WORLD OF TEXTILES



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## Indorama Ventures increases capacity in India with strategic investment in its Nagpur manufacturing plant

**I**ndo Rama Synthetics (India) Ltd (IRSL), a subsidiary of global petrochemical producer Indorama Ventures Public Company Limited (IVL), will spend up to INR 6 billion (USD 82M) upgrading equipment & adding capacity at its manufacturing site in Nagpur, India. The capital expenditure plan includes a new PET resin manufacturing facility, additional balancing equipment, and a large range of specialty yarns, further strengthening IRSL's ability to serve clients across the country.

The new PET resin facility at Nagpur will add 700 tons of capacity per day and is expected to be operational by the second quarter of 2022. Together with plants at Haldia and Karnal, the Nagpur facility further strengthens IVL's position as India's largest resin producer, with a total capacity of over 1 million tons annually.



**India is a strategic high growth market for us.**

**Our capital expenditure plan reflects our long-term commitment to the industry's development in India. It is important that we continually invest to ensure that we can serve our customers across India, wherever we are needed.**

*- D K Agarwal, CEO, Combined PET, IOD & Fibers Business  
Indorama Ventures*

The plant at Nagpur is IVL's first fiber manufacturing site in India, offering a wide range of staple fibers and filament yarns. Under the investment plan, it will meet global brands' increasing demand for more high-quality and sustainable textile products. With three manufacturing locations across the country, IVL serves customers throughout India.



## Easy Mask : A sustainable industry collaboration between Indorama Ventures, DyeCoo and STOLL - a brand of the Karl Mayer Group

**E**ASY MASK is a collaborative initiative between Indorama Ventures, DyeCoo and STOLL to produce a fashionable mask with a sustainable mind-set throughout the whole production process - starting from the yarn production and followed by the dyeing, design and production.

With the advanced technologies of the three companies, the mask does not just eliminate waste, but also reduces the use of water and energy. The design approach ensures that all components can be easily removed and re-used for other masks.

### Deja™ recycled polyester

Deja™ is the sustainable recycled polyester brand from Indorama Ventures. The polyester performance yarn is made from 100% post-consumer recycled PET bottles and can be used for a multitude of home and apparel applications.

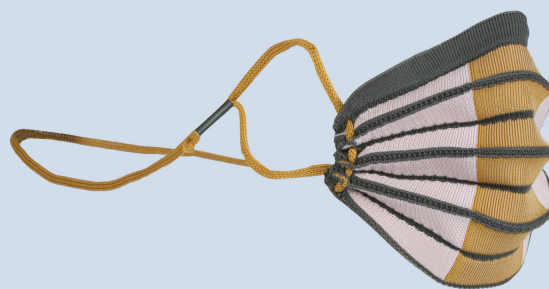
The yarn is independently certified and traceable, with full transparency across raw material and processes including GRS, Ecomark, RCS, Oeko-Tex 100 and Reach. Locally sourced 100% post-consumer rPET products offer a low-carbon footprint and closed loop solution.

Deja™ is 100% recyclable at the end of use and can be repeatedly re-processed without harmful emissions or discharges to create new high value-added products.

### CO2 Dyeing

The Deja™ recycled yarn is afterwards dyed with the innovative supercritical Carbon Dioxide textile dyeing technology by DyeCoo at CleanDye factory. The sc-CO2 dyeing machines can dye yarns or fabric rolls in a closed-loop process.

The process can be done without using water and process chemicals, thereby producing no wastewater.



**While face masks help in mitigating the spread of the virus, they also contribute to environmental problems such as waste and pollution.**

By using only the pure non-toxic Corangar dyestuff made by Colourtex, in combination with sc-CO2 that 95% reclaimed in the machine, textile dyeing has less of an environmental impact compared to traditional dyeing technologies. As CO2 has the same quality every day and over the whole world the technology is reliable.

## Design & Production

**Easy Mask** is a fresh approach to reinterpret a traditional medical facemask from a design perspective. It is a 3D knitted and playful kinetic object that expands and collapses easily. It is simple to use and comfortable to wear over the face and neck. The seamless production method eliminates cut & sew and reduces waste material whilst offering customized on-demand production to lessen product surplus.