

For immediate release

COSMO SPECIALITY CHEMICALS LAUNCHES TWO ECO-FRIENDLY POLYESTER DYEING CHEMICALS

New Delhi/ Aurangabad/ Baroda, 28th March 2022: Cosmo Speciality Chemicals, a 100% subsidiary of Cosmo Films Ltd., has launched two new eco-friendly polyester dyeing agents - POLYST PB and POLYST PLD-aiding in better results for polyester dyeing.

POLYST PB is an effective acidic PH buffer for polyester dyeing which ensures uniform buffering action by maintaining PH levels of the fabric, while also reducing the risk of change in shades caused by fluctuation of PH values. It requires less dosage and is non-volatile, making it reliable. What makes POLYST PB stand out is it is foam-free and buffers in a pH range of approximately 4-7, making it well-suited for all wet processing in this pH range. Being a versatile agent, it can be used as a buffer for dyeing of Nylon (PA), Polyester (PES), Polyacrylic (PAN), and Wool (WO) or their blends.

POLYST PLD, on the other hand, is an effective dispersing cum levelling agent for polyester, that imparts consistency in level dyeing and provides better brilliancy with disperse dyes, by improving the solubility of polyester fabric, all of which ensure uniform results during the process of dyeing. The specially formulated agents are both biodegradable and eco-friendly. The product is an auxiliary that helps to improve their solubility and consistency in dyeing. It also gives better fastness and a softer feel to dyed yarns or fabric. It aids in preventing the agglomeration of dyestuff by improving the dispersion property. Owing to its multi-usage, no separate use of levelling and dispersing agent is required along with this product. It is a low-foaming agent with good lubricating properties that eliminates separate use of a defoamer and Anti-creasing agent.

Talking about the new product, Dr. Anil Gaikwad, Business Head, Cosmo Speciality Chemicals said, "In another step towards innovation in the textile industry, the products will help improve the process of dyeing in polyester fabrics, by ensuring a uniform procedure and a consistent outcome. Both the products will help in improving fastness and appearance of the colour and feel, while also keeping the properties of fabric intact and easing the process."

"Owing to its structure, polyester is hydrophobic, which makes it difficult to dye consistently and to finish in aqueous media. To tackle the same, one requires a dispersing cum levelling agent," he added.

Backed up by technical know-how and long-term experience in textile processing, formulations of anionic, cationic, non-ionic, and amphoteric surfactants, Cosmo Speciality Chemicals have a unique and strong experience in Speciality textile chemicals. The R & D facility is equipped with sophisticated analytical instrumentations including SEM-EDS, TGA-MS, DMA, FTIR & imaging IR, DSC & optical microscope, etc. which helps the company develop products at a molecular level.

About Cosmo Speciality Chemicals

Cosmo Speciality Chemicals is a 100% subsidiary of Cosmo Films Ltd with strong research capabilities to provide best and the most competitive products through innovations based on sustainable science to its customers. The Company is into Speciality polymers & textile chemicals and has so far added 56 products in their portfolio.

About Cosmo Films Limited

Established in 1981 and founded by Mr. Ashok Jaipuria, Cosmo Films today is a global leader in Speciality films for packaging, lamination, labelling and synthetic paper. Cosmo Films over the years has been partnering with worlds' leading F&B and personal care brands and packaging & printing converters to enhance the end consumer experience. Its customer base is spread in more than 100 countries with sales & manufacturing units in India and Korea and additionally sales & distribution base in Japan, USA, Canada and Europe.

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