



***Launch of 'LOTOSIL BHB'
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| 1 | Cosmo Speciality Chemicals develops 5th generation silicone softener | <p>"We are not stopping here. With constant innovation, we want to create a value chain that is planned and people-friendly. We are putting our new R&D into an industrial-to-keep-growth chemistry & we strongly believe that manufacturing and profits can be achieved without depleting resources. Here, the earth and without spending our resources wisely. We cannot underestimate the fact that today the key aspect in manufacturing are: safety, resource and optimized production, which place the planet, people and profits on an equal footing," said Ramesh Chandra in a press release.</p> <p>R. added, "We go in line with LDC's belief, 'empowering every point of the value chain towards safer manufacturing, we are building a new value chain, our research, demonstrated commitment helps to reduce the industry's environmental footprint. Step-by-step, we want to build a better future for everyone."</p> <p>The Mumbai-based Ramesh Chemical Limited is a leading specialty chemical producer with a market leader position in the international textiles industry. The company has entered the next phase of growth by diversifying into growing home care and hygiene products, and offering specialty chemical segments. The subsidiary in Andhra Pradesh leads the R&D activities and the award product development and is a Strategic System Partner.</p> <p>Cosmo Speciality Chemicals develops 5th generation silicone softener</p> <p>Cosmo Speciality Chemicals has developed a 5th generation silicone softener LITOSIL 800 range which can be applied to any synthetic fibre content, polyamide and blends, etc. These are hydrophobic and based on block siloxane chemistry.</p> <p>Speaking on this initiative, Anil Gokulraj, business head, Cosmo Speciality Chemicals, said, "We strive on creating unique products and experience meaningful innovation for the textile industry allowing us to bring new solutions to a wider audience at a faster speed. We have also developed these softeners for a set of end products in LITOSIL 800 range which gives excellent fibre softness with soft handle feel unlike to other fibres."</p>  <p>Pankaj Padhee, Group CEO, Cosmo Fibres Ltd.</p> <p>High heat up to 120°C temperature and resistance to pH. It is a hydrophobic softener based on block silicon chemistry. Siloxane softeners increase the quality of textile materials, particularly their handling. The term "handle" refers to the mechanical behavior of fabric that has been subjected to low pressures similar to those experienced during garment production and usage. It is essential to fine tune and age for overuse. These preparations to the ability of garments to have a soft feel and be retained by the lightness and softness of materials. In this day and age, comfort is a requirement of ready-to-wear.</p> <p>There are four sets of products in this range: LITOSIL 800 L, LITOSIL 800, LITOSIL 800EL, and LITOSIL 800SG. Pankaj Padhee, Group CEO of Cosmo Fibres Ltd, said, "We Cosmo we pride ourselves on being specialized and niche in its offerings. Since innovation is core to our DNA, driven by the customer needs and backed by strong R&D infrastructure."</p> <p>The LITOSIL 800 range includes excellent fibre softener coupled with surface smoothness, excellent soft end-handle, excellent stability to wear, strong, high light TTS and temperature, and resistance to pH.</p> <p>The softeners of this 5th generation silicone softener can be overused without damaging the fabric finished with LITOSIL 800 range, is easily miscible with water at all proportions, and is very effective on Kevlar and Nomex. The product is also easily miscible with water in all proportions, suitable by outdoor and Pool applications. Technical support team being provided to C&E.</p> <p>Cosmo Speciality Chemicals is a direct subsidiary of Cosmo Fibres Ltd with strong research capabilities to provide the best and the most competitive products.</p> | The Indian Textile Journal | November 2021 | 14 |