

Features

3. Standardization of yarn quality parameters

The standardization of the yarn quality characteristics began with the publication of the first USTER® STATISTICS in 1957. In the past five years, the demand for accurate yarn quality characteristics has intensified under the growing influence of the major retail names, with the resultant pressure to keep quality claims within reasonable limits.

Against this background, the many spinning mills which are now committed to supplying yarns of consistent quality for these customers have acknowledged the need to improve the raw material, the process and the yarns – and to establish a future-oriented quality management regime.

Test	Quality parameters	Test	Quality parameters
Fiber	Micronaire	Yarn	Hairiness
	Length		Thin places
	Short fiber content		Thick places
	Neps		Neps
	Strength		Strength
Yarn	Deviation of count		Variation of strength
	Count variation		Elongation
	Twist variation		Remaining disturbing thick and thin places
	Direction of yarn twist		Remaining foreign fibers
	Evenness		

4. Quality profiles

Yarn quality profiles based on a selection of the quality characteristics listed in Table 1 are now well known in spinning mills. Yarn buyers are increasingly wanting to specify precisely the minimum requirements for yarns. It is estimated that around 10% of spinning mills today are already familiar with this kind of yarn specification requirement. The benchmarks for these yarn quality profiles are developed using the USTER® STATISTICS database.

The bonus for spinning mills can frequently be a reduction of manufacturing costs – since the raw material and the spinning process can be adapted to the minimum requirements listed in the Yarn Quality Profile.

Uster Technologies is also able to help spinners even further by providing various additional reference data to monitor and improve their productivity and costs.

5. Conclusion

The accurate measurement of cotton fiber and yarns is an invaluable aid in enabling spinning mills to buy cotton according to minimum requirements. The technology for precise measurement of yarn quality characteristics has also facilitated standardization within a significant segment of the textile industry, where all the specialists and managers can now be said to speak the same language – the language of quality. ♦

Prime Minister inaugurates the infrastructure development of Pakistan Textile City

Prime Minister Syed Yusuf Raza Gilani inaugurated the infrastructure development of Textile City located at Eastern Industrial zone of Port Qasim on 27th June, 2009. An impressive inauguration ceremony was held at the site of Textile City. Prominent among the guests included Sindh Governor, Dr Ishrat-ul-Ibad, Sindh Chief Minister Syed Qaim Ali Shah, Federal Minister for Textile Industry, Rana Muhammad Farooq Saeed Khan and Federal Minister for Port & Shipping, Senator Babar Ghauri.

Prime Minister Syed Yusuf Raza Gilani appreciated the efforts of Ministry of Textile and Management of Pakistan Textile City. The prime minister said that Infrastructure development was critical for growth and acted as a catalyst for generating economic activity. The Prime Minister declared that Textile City will serve as benchmark project and provide world-class infrastructure to local and international textile businesses.

Earlier, Rana Muhammad Farooq Saeed Khan, in his address, appreciated the Prime Minister for his support and interest in Textile City project. He said that Textile City would be a major milestone towards the revival of the textile industry of Pakistan.

The CEO of Textile City Zaheer A. Hussain briefed the Prime Minister and other guests about the infrastructure development. He said that the land utilization plan, project master plan from Port Qasim, Water Pipeline funding and Environment Impact Assessment from E.P.A. had already been approved. He informed that Leveling & Grading works was 95% completed. Technical advisor for 250MW Power plant had already been appointed and the pre-qualification of B.O.O. Sponsors for Establishment of the Power Plant was in progress. "The Contracts of construction of administration building, consultancy agreement for CETP and Road works priority package has



been awarded to reputable companies while water works (Package III) will soon be awarded," he added.

Textile City is spread over an area of 1,250 acres of land in Eastern Industrial Zone of Port Qasim and it is conveniently located at 6km from National Highway. Main features of the Textile City are one window operation, stable & uninterrupted power supply, water, gas and combined effluent treatment plant. This project, expected to be launched soon, will provide world class infrastructure and will give fresh impetus to the industry by providing direct jobs to more than 80,000 people. Booking of industrial plots is expected to begin soon in 2009. ♦