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Polyester high tenacity dyed yarns

the sky is the limit...



...and we are your partner

Dear Customers,

Legs Poland is one of the biggest European producers and distributors of textile and industrial yarns.

Our vast product range is complete with a modern dye house where we dye all base types of yarns – polyester, polyamide, cotton, viscose, acrylic, and many blends of these.

Our machinery consists of modern German Thies dyeing machines and SSM Swiss yarn winders/rewinders.

Most importantly, we are able to match every customized colour very well as we have in addition a modern, state-of-the-art dyeing laboratory. At this lab, every customer colour is well-matched and stored for future collaboration in the computerized library of customer colours.

Moreover, we dye fluorescent shades and colours with high resistance in high temperatures exceeding 100°C.

Additionally, we can dye either continuous filament yarns (polyester, polyamide) and spun yarns (polyester, cotton, viscose, acrylic, or the blends).

The dyeing process for continuous yarns such as textured yarns is a simple and easy process, but a very difficult and complicated process for flat yarns (both FDY and HT).

The dyeing of flat yarns is an intricate process mainly because of its high shrinkage and the problems connected with winding/rewinding and cone formation.

Our dye house technical staff, which deals with dyeing on an everyday basis has rich experience in industrial sewing thread dyeing based on flat polyester and polyamide yarns.

Due to this fact, our staff fully controls the high shrinkage of flat yarns (FDY, HT) and the difficulties with flat yarn cone formation like yarn sweep down. Based on our wide-range knowledge and expertise in the yarn industry and the above-mentioned, we are pleased to inform that we are ready to dye the following industrial polyester high-tenacity yarns (PES HT):

Den	TPM	TPM	TPM
250	0	60	120
500	0	60	120
1000	0	60	120
1500	0	60	120
2000	0	60	120

For this particular type of dyeing, we use low shrinkage yarns, so consequently, the tenacity which we are able to confirm after the process will be at a level of 8 grams/denier (7.2 cN/dtex).

All polyester high-tenacity yarns can be dyed using the following bath sizes:

- 120 kg
- 240 kg
- 500 kg

The cone of dyed yarn after the whole process will have a weight of approximately 1.6 kg and the yarn will be wound on a paper cone. Currently, our delivery time is around 2 weeks after placing an order. We believe that this offer will be of importance for every manufacturer of premier quality rope, cord, string, twine, webbing, industrial tape/band, and industrial woven fabric.

If you should have any technical questions or would like to send us a price query, please do not hesitate to contact our headquarters in Poland or our foreign representatives.

Our sales managers will be more than happy to help you.

Warm regards,

The LEGS Team

