



Polypropylene Yarns



**TURKTEX<sup>®</sup>**

**PEX** yarn is manufactured by air texturing of olefin material. This process gives natural look, volume and soft touch to the synthetic yarn. PEX is produced in hundreds of colors and various counts. In addition new colors are done upon request.



#### ▪ Material features and advantages:

Being olefin based PEX has got a density of 0,94 gr/cm<sup>3</sup> which means it is much lighter than other synthetic yarns such as polyester (1,38 gr/cm<sup>3</sup>) and nylon. Air texturing process also gives 50% more volume to the yarn which gives a great cost advantage to the fabric.

A special UV stabilizer developed by Turktext is being used in all PEX articles.

High color fastness dyeing masterbatch are used and Color fastness of PEX is grade 7-8 according to ISO 105 B02 test, thus all PEX articles exceed the needs of indoor conditions.

PEX has got very low moisture absorption due to its olefin nature.

PEX is stain resistance due to its molecular structure.

**FRole** is a flame retardant version of PEX and full range of flame retardant articles can be produced under FRole brand.



#### Home Textiles

Upholstery, drapery, mattresses and carpets.



#### Hotels

Hotel, lobby, bar, restaurant, resort, spa.

#### ▪ Application

PEX yarns are used widely in especially upholstery sector. Pex yarn has got an upward trend with its linen like and natural look.

#### ▪ Usage-Finishing

PEX yarn is appropriate for use as weft and warp in woven fabrics. Fabrics made from PEX yarns are converted to an even softer touch when processed on a needle punch machine. The pilling and martindale test results are all successful. Due to its olefin nature, " Wyzenbeek abrasion method" is recommended.

Because olefin melts at temperatures over 150°C, during finishing process the temperature shall not exceed 130°C. If exceeded, the fabric can get hard. Even though there can be other fibers in the fabric, the finishing condition shall not exceed olefin's.

| YARN TYPE                                                                                                      | YARN NAME                                                                            | UNI<br>COLOR | MULTI<br>COLOR        | DENIER  | DELIVERY<br>TIME | MOQ<br>COLOR/TOTAL | PACKAGE OPTIONS       |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------|-----------------------|---------|------------------|--------------------|-----------------------|
| CF                                                                                                             | CF Delta                                                                             | +            | -                     | 150-900 | 2-3 weeks        | 1000 kgs           | C4;C5 - B4;B5;B6      |
|                                                                                                                | CF Round                                                                             | +            | -                     | 150-900 | 2-3 weeks        | 1000 kgs           | C4;C5 - B4;B5;B6      |
|                                                                                                                | CF Hollow                                                                            | +            | -                     | 150-900 | 2-3 weeks        | 1000 kgs           | C4;C5 - B4;B5;B6      |
| AIR TEXTURED                                                                                                   | PEX 700                                                                              | +            | +                     | 665     | 1-2 weeks        | 60 kgs             | C1 - B1;B3            |
|                                                                                                                | PEX 1000                                                                             | +            | +                     | 992     | 1-2 weeks        | 60 kgs             | C1 - B1;B3            |
|                                                                                                                | PEX 1300                                                                             | +            | +                     | 1312    | 2-3 weeks        | 60 kgs             | C1 - B1;B3            |
|                                                                                                                | PEX 2000                                                                             | +            | +                     | 2000    | 2-3 weeks        | 80 kgs             | C1 - B1;B3            |
|                                                                                                                | PEX 2700                                                                             | +            | +                     | 2600    | 1-2 weeks        | 80 kgs             | C1 - B1;B3            |
|                                                                                                                | PEX 700 HLW                                                                          | +            | +                     | 740     | 1-2 weeks        | 60 kgs             | C1 - B1;B3            |
|                                                                                                                | PEX 701 HLW                                                                          | +            | +                     | 695     | 1-2 weeks        | 60 kgs             | C1 - B1;B3            |
|                                                                                                                | PEX 1302 HLW                                                                         | +            | +                     | 1500    | 1-2 weeks        | 60 kgs             | C1 - B1;B3            |
| TEXTURE                                                                                                        | PEX 150 DTY                                                                          | +            | -                     | 157     | 1-2 weeks        | 30kgs/320kgs       | C2;C3 - B1;B2;B3      |
|                                                                                                                | PEX 300 DTY                                                                          | +            | +                     | 315     | 1-2 weeks        | 30kgs/320kgs       | C2;C3 - B1;B2;B3      |
|                                                                                                                | PEX 450 DTY                                                                          | +            | +                     | 470     | 1-2 weeks        | 30kgs/320kgs       | C2;C3 - B1;B2;B3      |
|                                                                                                                | PEX 600 DTY                                                                          | +            | +                     | 630     | 1-2 weeks        | 30kgs/320kgs       | C2;C3 - B1;B2;B3      |
| APPLICATIONS                                                                                                   | Upholstery, Drapery, Mattresses, Carpets, Hotel, Lobby, Bar, Restaurant, Resort, Spa |              |                       |         |                  |                    |                       |
| DENIER                                                                                                         | Counts can be adjusted on demand.                                                    |              |                       |         |                  |                    |                       |
| PACKAGE OPTIONS                                                                                                |                                                                                      |              |                       |         |                  |                    |                       |
| CONES<br>(WxL - kg)                                                                                            | TEXTURED                                                                             |              | C1→ 26x29 cm - 3,5 kg |         | BOXES<br>(WxLxH) | TEXTURED           | B1→ 500x600x300 mm    |
|                                                                                                                | TWISTED/FANCY-A                                                                      |              | C2→ 18x29 cm - 2,5 kg |         |                  | TWISTED/FANCY      | B2→ 500x600x230 mm    |
|                                                                                                                | TWISTED/FANCY-B                                                                      |              | C3→ 14x23 cm - 2,2 kg |         |                  | JUMBO              | B3→ 1000x1200x900 mm  |
|                                                                                                                | CF                                                                                   |              | C4→ 28x23 cm - 7,1 kg |         |                  | CF BOX             | B4→ 300x500x300 mm    |
|                                                                                                                | CF                                                                                   |              | C5→ 37x13 cm - 7,8 kg |         |                  | CF PALLET          | B5→ 1150x1150x1400 mm |
| (ii) Package options are showing the max kg available, cone and box kg may vary depending on the yarn process. |                                                                                      |              |                       |         |                  | CF PALLET          | B6→ 1150x1150x1320 mm |



Creativity



Technology



ISO 9001:2015  
UKAS Certificate No: TR005879-1

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