

## **PARS POY A**

### **PRODUCT DESCRIPTION:**

POY is a polyester partially oriented filament yarn made by direct melt spinning process, which is produced in different titers including 180,280,560 ditex.

### **CHARACTERISTICS**

PARS POY is high quality, antistatic suitable for high speed false twist texturizing and Draw-Warp.

### **TYPICAL APPLICATIONS**

PARS POY is especially suitable for Draw-Twisted yarns and false-twisted yarns. Resulted DTY yarn has a good bulky, crimp and re-winding performance which can be used in circular knitting, warp knitting and tricot.

### **TYPICAL DATA**

| <u>PROPERTIES</u>   | <u>Unit</u> | <u>Value</u> |
|---------------------|-------------|--------------|
| Titer               | Dtex        | 270-280      |
| Elongation at break | %           | 125-135      |
| Tenacity at Break   | CN/Dtex     | ≥1.95        |
| Draw Tension        | -           | 44-64        |
| Evenness            | %U          | ≤1.6         |
| OPU                 | %           | 0.4-0.5      |

## **PARS PSF A**

### **PRODUCT DESCRIPTION**

PARS PSF is High Tenacity- High Modulus Staple Fiber with the 38 mm cut length and 1.3 denier titer produced by direct spinning and drawing process.

### **CHARACTERISTICS**

PARS PSF has a good strength with low elongation and shrinkage, good resistant to water and processing performance when mixing with other fiber.

### **TYPICAL APPLICATION**

Thanks to its high Tenacity- High modulus properties it is suitable for spinning of polyester cotton blended yarns, 100% spun polyester yarns and nonwovens.

### **TYPICAL DATA**

| <b>PROPERTIES</b>   | <b>Unit</b> | <b>Value</b> |
|---------------------|-------------|--------------|
| Fiber Titer         | Dtex        | 1.38-1.58    |
| Elongation at break | %           | ≤30          |
| Tenacity at Break   | CN/Dtex     | ≥ 6.1        |
| Shrinkage           | %-          | 2.5-6.5      |
| Crimp Number        | N/Cm        | 3.5-4.5      |
| OPU                 | Wt%         | 0.18-0.22    |
| Cut Length          | mm          | 38±1         |