### Технические характеристики

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| --- | --- | --- | --- | --- | --- |
| **Наименование показателя** | **Норма для нити с числом кручений на 1 м 15-25, номинальный линейных плотностей** | | | **Норма для нити с числом кручений на 1 м 350±50, номинальный линейных плотностей** | |
|  | **14,5** | **29,0** | **33,0** | **29,4** | **34,0** |
| 1. Удельная разрывная нагрузка, мН/текс, не менее | 350 | 390 | 320 | 410 | 320 |
| 2. Удлинение при разрыве, %, не более | 17,0 | 17,0 | 33,0 | 17,0 | 30,0 |
| 3. Количество элементарных нитей в комплексной | 48; 70 | 96; 140 | 96; 140 | 96;140 | 96; 140 |
| 4. Отклонение фактической линейной плотности от номинальной, %, не более | ±3,5 | ±3,5 | ±3,5 | ±3,5 | ±3,5 |
| 5. Массовая доля замасливателя, %, не более | 1,0 | 1,0 | 1,0 | 3,0 | 1,0 |
| 6. Линейная усадка, % не более | 8,0 | 8,0 | 8,0 | 15,0 | 15,0 |

## Technical Characteristics

|  |  |  |
| --- | --- | --- |
| **Yarn parameters** | **Standard (single)** | **Standard (doubled)** |
| Specific explosive loading, мН/текс, not less | 320 | 320 |
| Breaking elongation, %,maximal | 30,0 | 30,0 |
| Number of filaments, pieces | 70,0 | 140 - 490 |
| Deviation of actual linear density from nominal, %, maximal | 3,5 | 3,5 |
| Torsions number per 1 m of the yarn       For 11,0; 14,0; 15,3; 16,7; 22,0 tex        For 33,0; 50,0; 83,0; 93,5; 110 tex | - - | - 30,0 - 60,0 |
| Mass part of oiling agent, %, maximal | 3,0 | 3,0 |
| Linear shrinkage, %, maximal | 8,0 | 9,0 |

### Application

The polyester complex yarn is applied in cable and textile industries.

# Polyester yarn undyed or mass-dyed, 28-30 tex

## Technical Characteristics

|  |  |
| --- | --- |
| **Yarn parameters** | **Standard** |
| Strength, p/tex | 50 ÷ 60 |
| Elongation, % | 25 - 30 |

### Application

Polyester yarn of wide color scale is applied in cable and textile industries.

# Polyester yarn undyed or mass-dyed, 60-100 tex

## Technical Characteristics

|  |  |
| --- | --- |
| **Yarn parameters** | **Standard** |
| Strength, p/tex | 55 ÷ 65 |
| Elongation, % | 20 ÷ 25 |

### Application

Polyester yarn of wide color scale is applied in technical products, cords and ropes, upholstery and filtering fabrics.