

| Yarn Type | Titer & Filaments | Dtex | Breaking Force | | Breaking Tenacity | | Elongation at break | HAS |
|-----------|-------------------|------|----------------|--------|-------------------|---|---------------------|-----|
| | | | N | mN/tex | g/d | % | | |

Enka® Nylon

High-tenacity Polyamide 6.6 Filament Yarns

| | | | | | | | |
|---|-----------|------|-------|-----|------|------|-----|
| 135HRT-8 (Super High-tenacity) | 940 f144 | 945 | 79.0 | 836 | 9.5 | 19.0 | 6.0 |
| | 1880 f288 | 1880 | 158.0 | 840 | 9.5 | 19.0 | 6.0 |
| 136 HRT-8 (Super High-tenacity) | 940 f145 | 940 | 8.3 | 883 | 10.0 | 18.0 | 0.7 |
| 442HRT-8 (Super High-tenacity) | 470 f72 | 470 | 40.0 | 851 | 9.6 | 21.0 | 6.0 |
| | 470 f72 | 475 | 33.5 | 705 | 8.0 | 22.2 | 7.5 |
| 445HRT-8 | 470 f72 | 475 | 34.5 | 726 | 8.2 | 24.5 | 7.5 |
| | 350 f144 | 352 | 30.0 | 852 | 9.7 | 22.0 | 6.0 |
| 446HRT-8 (Super High-tenacity) | 470 f144 | 477 | 38.5 | 807 | 9.1 | 21.5 | 6.0 |
| | 470 f144 | 478 | 40.0 | 837 | 9.5 | 22.0 | 6.5 |
| | 580 f144 | 585 | 47.0 | 803 | 9.1 | 22.0 | 6.0 |
| | 580 f144 | 585 | 47.0 | 803 | 9.1 | 23.0 | 6.0 |
| | 700 f108 | 715 | 58.0 | 811 | 9.2 | 20.0 | 6.5 |
| | 235 f72 | 235 | 17.5 | 745 | 8.4 | 22.5 | 8.5 |
| 447HRT-8 | 350 f144 | 350 | 28.0 | 800 | 9.1 | 22.9 | 7.0 |
| | 470 f144 | 475 | 34.5 | 726 | 8.2 | 22.0 | 7.5 |
| | 470 f144 | 477 | 36.5 | 765 | 8.7 | 23.0 | 7.5 |
| | 530 f144 | 522 | 35.0 | 670 | 7.6 | 25.0 | 7.5 |
| | 1060 f144 | 1060 | 70.0 | 660 | 7.5 | 22.5 | 7.6 |

Hot-air shrinkage testing (HAS; 2 min. at 180°C)