

Budget Brilliance - TDS

| LCP | | | | | | | | Technical Data Sheet |
|---|----------------|-----------|-------------------|--------|-----------|---------|---------------------|----------------------|
| Description | Linear Density | | Breaking Strength | | Tenacity | | Elongation at Break | |
| LCP Yarn Natural 1710 dTex Cylindrical Tubes | [dTex] | [Den] | [N] | [lbf] | [cN/dTex] | [g/Den] | [%] | |
| | 1710 ± 60 | 1539 ± 54 | ≥ 307 | ≥ 69,0 | ≥ 18,0 | ≥ 20,4 | 2,6 ± 0,7 | |

*Tensile test is performed with 60TPM and a pre-tension of 0,05cN/dTex.

| Para-Aramid | | | | | | | | Technical Data Sheet |
|--|----------------|-----------|-------------------|--------|-----------|---------|---------------------|----------------------|
| Description | Linear Density | | Breaking Strength | | Tenacity | | Elongation at Break | |
| Para-Aramid Yarn Natural 1670dTex Cylindrical Tubes | [dTex] | [Den] | [N] | [lbf] | [cN/dTex] | [g/Den] | [%] | |
| | 1670 ± 67 | 1500 ± 52 | ≥ 300 | ≥ 67,4 | ≥ 18,0 | ≥ 20,4 | 3 ± 3,5 | |

*Tensile test is performed with 80TPM and a pre-tension of 0,05cN/dTex.

| HMPE | | | | | | Technical Data Sheet |
|--|----------------|-----------|-----------|---------|---------------------|----------------------|
| Description | Linear Dinsity | | Tenacity | | Elongation at Break | |
| HMPE Yarn White 1778 dTex Cylindrical Tubes | [dTex] | [Den] | [cN/dTex] | [g/Den] | [%] | |
| | 1778 ± 107 | 1600 ± 96 | ≥ 30 | ≥ 34 | ≤ 4 | |

*Tensile test is performed with 40TPM and a pre-tension of 0,05cN/dTex.



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