

| Properties                                    |         | Methods    |           |                         | Unit          | HWHL      |       |                  |       |
|-----------------------------------------------|---------|------------|-----------|-------------------------|---------------|-----------|-------|------------------|-------|
| Thickness, ± 5%                               |         |            |           |                         | mkm           | 15        | 20    | 30               | 35    |
| Density*                                      |         |            |           |                         | g/cm³         | 0,96      |       |                  |       |
| Weight, ± 5%                                  |         |            |           | BIAXPLEN                | g/m²          | 14,40     | 19,20 | 28,80            | 33,60 |
| Yield, ± 5%                                   |         |            |           |                         | m²/kg         | 69,44     | 52,08 | 34,72            | 29,76 |
| Tensile strength, not less                    | MD      |            |           |                         | N/mm², MPa    | 110       |       | 120              |       |
|                                               | TD      |            |           |                         |               | 210       | 220   | 230              |       |
| Elongation at break, not more                 | MD      | GOST 14236 | ISO 527   | ASTM D882               | %             | 200       |       |                  |       |
|                                               | TD      |            |           |                         |               | 70        |       |                  |       |
| Coefficient of friction, kinetic              | UT/UT   | GOST 27492 | ISO 8295  | ASTM D 1894             | —             | 0,25      |       | + 0,10<br>- 0,10 |       |
|                                               | MD      |            |           |                         |               | 4         |       |                  |       |
| Thermal shrinkage at 120 °C, 5 min, not more  | TD      | GOST 18616 | ISO 11501 | ASTM D1204              | %             | 2         |       |                  |       |
|                                               |         |            |           |                         |               |           |       |                  |       |
| Heat sealing strength at 130 °C, 1 bar, 1 sec | UT / UT | GOST 27319 | ISO 527   | ASTM F 88;<br>ASTM D882 | N/15 mm       | 2,5       |       |                  |       |
| Light transmission, not more                  |         | GOST 15875 | ISO 14782 | ASTM D 1003             | %             | 60        | 50    | 40               | 35    |
| Gloss at 45 °, not less                       | T       | BIAXPLEN   | ISO 2813  | ASTM D 2457             | %             | 45        |       |                  |       |
| Heat sealing range at 1 bar, 1 sec*           | UT / UT |            | BIAXPLEN  |                         | °C            | 105 - 140 |       |                  |       |
| Treatment level, not less                     | T       | BIAXPLEN   | ISO 8296  | ASTM D 2578             | Dyne/cm, mN/m | 38        |       |                  |       |

**MD** - Machine, longitudinal direction;  
**TD** - Transverse direction;

**T** - treated side of the film;  
**UT** - untreated side of the film;

\* Typical value;  
**GOST** – Russian Federation standards.

