

| PRODUCT - MACHINE ROLL | | | STANDARD | LOW POWER | POWER | SUPERPOWER | PM |
|----------------------------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| PROPERTIES | METHOD | UNIT OF MEASURE | | | | | |
| PRODUCTION | | CAST COEXTRUDED | CAST COEXTRUDED | CAST COEXTRUDED | CAST COEXTRUDED | CAST COEXTRUDED | CAST COEXTRUDED |
| POLYMER | | | LLDPE | LLDPE | LLDPE | LLDPE | LLDPE |
| WIDTH | | mm | 500 | 500 | 500 | 500 | 500 |
| THICKNESS | | µm | 15 | 15 | 15 | 15 | 15 |
| IMPACT STRENGTH | ASTM D1709 | gr. | 65 | 70 | 80 | 100 | 115 |
| TENSILE STRENGTH | | | | | | | |
| LONGITUDINAL | ASTM D882 | N/sq.mm | 33 | 36 | 36 | 37 | 38 |
| TRANSVERSAL | ASTM D882 | N/sq.mm | 21 | 23 | 23 | 24 | 25 |
| ELONGATION AT BREAK | | | | | | | |
| LONGITUDINAL | ASTM D882 | % | 260 | 275 | 290 | 315 | 340 |
| TRANSVERSAL | ASTM D882 | % | 550 | 565 | 580 | 600 | 620 |
| PRESTRETCH | PRACTICE TEST | % | 100 - 110 | 120 - 135 | 170 - 180 | 200 - 210 | 230 - 240 |
| USE LIMIT UP TO | | | | | | | |
| YIELD STRENGTH | | | | | | | |
| LONGITUDINAL | ASTM D882 | N/sq.mm | 9 | 9 | 10 | 11 | 11 |
| TRANSVERSAL | ASTM D882 | N/sq.mm | 9 | 9 | 10 | 10 | 10 |
| TEAR STRENGTH (ELMENDORF) | | | | | | | |
| LONGITUDINAL | ASTM D1922 | N/mm | 35 | 40 | 50 | 55 | 60 |
| TRANSVERSAL | ASTM D1922 | N/mm | 110 | 120 | 130 | 140 | 150 |
| PUNCTURE RESISTANCE | OUR OWN | | 1390 | 1400 | 1420 | 1460 | 1480 |

For colored films value reduction of 10%
For films with additives value reduction of 5%

| Dimensional Characteristics | Range | Test Method |
|-----------------------------|------------|--------------------|
| Width | ± 0, -5 mm | ISO 4592 |
| Thickness (average) | ± 5,0 % | ISO 4591 |
| Core internal diameter | ± 2 mm | Direct measurement |

All other figures are typical values with tolerances 10% .

E.P.M. Stretch Films are ecologically non pollutant, absolutely non - toxic, chlorine free and can be 100% recycled

Rev: 21 - Data: settembre 2021