

Stretch Film

Genesys® H5

INTERTAPE POLYMER GROUP®

TECHNICAL DATA SHEET

| Test | Values (listed by film thickness) | | | | | | | | | | |
|--|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| | Reference Methods | 50 gauge 12.7 micron 0.50 mil | 51 gauge 13.0 micron 0.51 mil | 55 gauge 14.0 micron 0.55 mil | 57 gauge 14.5 micron 0.57 mil | 60 gauge 15.2 micron 0.60 mil | 61 gauge 15.5 micron 0.61 mil | 63 gauge 16.0 micron 0.63 mil | 65 gauge 16.5 micron 0.65 mil | 69 gauge 17.5 micron 0.69 mil | 70 gauge 17.8 micron 0.70 mil |
| Ultimate Tensile MD (psi) | ASTM D882 | 7433 | 7422 | 7377 | 7355 | 7322 | 7311 | 7289 | 7266 | 7222 | 7211 |
| Ultimate Tensile TD (psi) | ASTM D882 | 5451 | 5467 | 5532 | 5564 | 5612 | 5629 | 5661 | 5693 | 5757 | 5774 |
| Elongation MD (%) | ASTM D882 | 611 | 615 | 629 | 636 | 646 | 650 | 657 | 664 | 678 | 682 |
| Elongation TD (%) | ASTM D882 | 735 | 737 | 746 | 751 | 758 | 760 | 764 | 769 | 778 | 780 |
| Tear Resistance MD (grams and g/mil) | ASTM D1922 | 304 grams | 307 grams | 319 grams | 326 grams | 335 grams | 338 grams | 344 grams | 350 grams | 363 grams | 366 grams |
| | | 608 g/mil | 602 g/mil | 580 g/mil | 572 g/mil | 558 g/mil | 554 g/mil | 546 g/mil | 538 g/mil | 526 g/mil | 523 g/mil |
| Tear Resistance TD (grams and g/mil) | ASTM D1922 | 456 grams | 461 grams | 482 grams | 493 grams | 509 grams | 514 grams | 525 grams | 535 grams | 557 grams | 562 grams |
| | | 912 g/mil | 904 g/mil | 876 g/mil | 865 g/mil | 848 g/mil | 843 g/mil | 833 g/mil | 823 g/mil | 807 g/mil | 803 g/mil |
| Dart Drop (grams and g/mil) | ASTM D1709 | 991 grams | 1000 grams | 1035 grams | 1053 grams | 1080 grams | 1089 grams | 1107 grams | 1124 grams | 1160 grams | 1169 grams |
| | | 1982 g/mil | 1961 g/mil | 1882 g/mil | 1847 g/mil | 1800 g/mil | 1785 g/mil | 1757 g/mil | 1729 g/mil | 1681 g/mil | 1670 g/mil |
| Pre-stretch (% at break) | IPG/Highlight | 397 | 399 | 404 | 406 | 410 | 412 | 414 | 417 | 422 | 423 |
| Cling (in to out, grams at 200% pre-stretch) | IPG method | 174 grams | 176 grams | 181 grams | 183 grams | 187 grams | 188 grams | 191 grams | 193 grams | 198 grams | 200 grams |

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