

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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