

Stretch Film

Genesys® (High Performance Machine Grade)

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

Test	Values (listed by film thickness)						
	Reference Methods	50 gauge 12.7 micron 0.50 mil	63 gauge 16.0 micron 0.63 mil	70 gauge 17.8 micron 0.70 mil	75 gauge 19.0 micron 0.75 mil	95 gauge 24.1 micron 0.95 mil	100 gauge 25.4 micron 1.00 mil
Ultimate Tensile MD (psi)	ASTM D882	6760	9820	7500	5480	5820	5900
Ultimate Tensile TD (psi)	ASTM D882	5210	5750	5520	4570	4700	4875
Elongation MD (%)	ASTM D882	360	570	615	590	660	710
Elongation TD (%)	ASTM D882	785	785	795	780	840	900
Tear Resistance MD (grams and g/mil)	ASTM D1922	250 grams	260 grams	300 grams	290 grams	420 grams	515 grams
		500 g/mil	413 g/mil	429 g/mil	387 g/mil	442 g/mil	515 g/mil
Tear Resistance TD (grams and g/mil)	ASTM D1922	450 grams	435 grams	475 grams	620 grams	769 grams	809 grams
		900 g/mil	690 g/mil	679 g/mil	827 g/mil	809 g/mil	809 g/mil
Dart Drop (grams and g/mil)	ASTM D1709	920 grams	860 grams	1154 grams	410 grams	435 grams	490 grams
		1840 g/mil	1365 g/mil	1649 g/mil	547 g/mil	458 g/mil	490 g/mil
Pre-stretch (% at break)	IPG/Highlight	330	340	338	350	390	415
Cling (in to out, grams at 200% pre-stretch)	IPG method	165 grams	170 grams	160 grams	245 grams	235 grams	235 grams

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