



Technical Information and Typical Properties

MSA One Side Cling Cast Machine Film .90 mil

Product Description

General

Film Properties	Typical Value (English)	Tolerance	Typical Value (SI)	Tolerance	Test Method
Tensile Strength at Yield MD	2240psi	± 15%	15.4 mPa	± 15%	ASTM D882
Tensile Strength at Yield TD	2000psi	± 15%	13.8 mPa	± 15%	ASTM D882
Tensile Strength at Break MD	8290psi	± 15%	57.2 mPa	± 15%	ASTM D882
Tensile Strength at Break TD	4990psi	± 15%	34.4 mPa	± 15%	ASTM D882
Elongation at Break MD	560%	± 15%	560%	± 15%	ASTM D882
Elongation at Break TD	620%	± 15%	620%	± 15%	ASTM D882
Protrusion Puncture	7.1 lbs	± 15%	3.22 kg	± 15%	ASTM D5748
Protrusion Puncture Energy	18.3 in-lb	± 15%	2.07 N-m	± 15%	ASTM D5748
Elmendorf Tear Strength MD	330 g/mil	± 15%	13 g/micron	± 15%	ASTM D1922
Elmendorf Tear Strength TD	530 g/mil	± 15%	20.9 g/micron	± 15%	ASTM D1922
Cling - Outside to Inside @ 100%	min 150 g/in	± 15%	min 59.1 g/cm	± 15%	ASTM D5458

Dimensions	Value	Tolerance	Value (SI)	Tolerance
Core ID	3.05 inches	± 0.05 in	76.2 mm	± 1.3 mm
Film Thickness	22.8 micron			

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