



Technical Information and Typical Properties

MSA One Sided Cling Cast Machine Film

1.20 mil

Product Description

General

Film Properties	Typical Value		Test Method
	(English)	Tolerance	
Tensile Strength at Yield MD	3110psi	± 15%	ASTM D882
Tensile Strength at Yield TD	2650psi	± 15%	ASTM D882
Tensile Strength at Break MD	13900psi	± 15%	ASTM D882
Tensile Strength at Break TD	9610psi	± 15%	ASTM D882
Elongation at Break MD	575%	± 15%	ASTM D882
Elongation at Break TD	660%	± 15%	ASTM D882
Protrusion Puncture	8.7 lbs	± 15%	ASTM D5748
Protrusion Puncture Energy	19.7 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	330 g/mil	± 15%	ASTM D1922
Elmendorf Tear Strength TD	530 g/mil	± 15%	ASTM D1922
Cling - Outside to Inside @ 225%	min 150 g/in	± 15%	ASTM D5458

Dimensions	Value	Tolerance	Value(SI)	Tolerance
Core ID	3.05 inches	± 0.05 in	76.2mm	± 1.3mm
Film Thickness	30.5 micron			

Manufactured with pride in the USA and Canada by

Sigma Stretch Film

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