



NanoWrap 12

Product detail: Nanowrap Machine Film

Code: 20412

Details

Proposed Gauge: 12um
Weight of roll: 15KG
Film Manufacturing Method: Nano Cast

Material Properties

	Unit	ASTM*	NanoWrapUV15
Gauge	um	Dial Gauge	12
Tensile Strength MD	MPa	D 882	32
Tensile Strength TD	MPa	D 882	20.5
Elongation at Break MD	%	D 882	430
Elongation at Break TD	%	D 882	545
Dart Drop	g	D 1709	105
Puncture	N-mm	FPT - 750	15.5
Ultimate Stretch	%	FPT - 750	320

Key

gm Grams	KLy Kilo-Langley
mm Millimeters	COF Co-efficient of Friction
kg Kilograms	Dart Impact: Amount of force required to tear a sample apart.
MPa Megapascals	Tensile Strength: Maximum amount of force the film can take before breaking.
MD Machine Direction	Elongation at break: Strain on sample at the break as a % of the sample.
TD Traverse Direction	
M Meters	
um Micron, 1000/millimeter	

* ASTM is a world trusted source for technical standards for materials. Is the internationally recognised standard setter for the plastics industry. www.astm.org