



NanoWrap 20

Product detail: Nanowrap 20 Machine Stretch Film
Product Dimensions: 500mm x 1630m

Code: 20420

Details

Proposed Gauge: 20um
Weight of roll: 15 KG
Film Manufacturing Method: Nano Cast

Material Properties

	Unit	ASTM*	NanoWrap 20
Gauge	um	Dial Gauge	20
Tensile Strength MD	MPa	D 882	25
Tensile Strength TD	MPa	D 882	25
Elongation at Break MD	%	D 882	510
Elongation at Break TD	%	D 882	665
Dart Drop	g	D 1709	145
Ultimate Stretch	%	FPT - 750	360
Puncture	N-mm	FPT - 750	19.5

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