



NanoWrap 17

Product detail: Nanowrap Machine Film

Code: 20417

Details

Proposed Gauge: 17um
Weight of roll: 15KG
Film Manufacturing Method: Nano Cast

Material Properties

	Unit	ASTM*	NanoWrapUV15
Gauge	um	Dial Gauge	17
Tensile Strength MD	MPa	D 882	33
Tensile Strength TD	MPa	D 882	28
Elongation at Break MD	%	D 882	473
Elongation at Break TD	%	D 882	658
Dart Drop	g	D 1709	85
Puncture	N-mm	FPT - 750	1.93
Ultimate Stretch	%	FPT - 750	3338

Key

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

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