



NanoWrap UV15

Product detail: Nanowrap Machine Film UV Protected.

Code: 20415UV

Details

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

Material Properties

	Unit	ASTM*	NanoWrapUV15
Gauge	um	Dial Gauge	15um
Tensile Strength MD	MPa	D 882	36
Tensile Strength TD	MPa	D 882	25
Elongation at Break MD	%	D 882	456
Elongation at Break TD	%	D 882	630
Dart Drop	g	D 1709	85
Puncture	N-mm	FPT - 750	1.85
Ultimate Stretch	%	FPT - 750	320
UV Protection	KLy	UVI/cm ² p.a	100-120

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