

PRE - MET PRODUCT	
Tensile properties 500 mm/min 15 mm width strip	5 µm PRE - MET
<i>Machine direction</i>	
<b>thickness avg. (µm)</b>	<b>5</b>
1% Secant modulus (MPa)	170
10% offset yield stress (MPa)	23
Tensile at break (MPa)	65
Elongation at break (%)	91
Energy to break (mJ/mm <sup>3</sup> )	39
<i>Transverse direction</i>	
<b>thickness avg. (µm)</b>	<b>5</b>
1% Secant modulus (MPa)	194
10% offset yield stress (MPa)	4,6
Tensile at break (MPa)	13
Elongation at break (%)	450
Energy to break (mJ/mm <sup>3</sup> )	38
<b>Elmendorf Tear (g/µm)</b>	
MD	7,5
TD	29
<b>Dart drop (g)</b>	<b>28</b>
<b>Puncture resistance</b>	
Maximum force (N/µm)	4,5
Travel at F max (mm)	36
Energy at Fmax (mJ/µm)	75

For colored films value reduction of 10%  
For films with additives value reduction of 5%

Dimensional Characteristics	Range	Test Method
Width	± 0, -5 mm	ISO 4592
Thickness (average)	± 5,0 %	ISO 4591
Core internal diameter	± 2 mm	Direct measurement

All other figures are typical values with tolerances 10% .  
E.P.M. Stretch Films are ecologically non pollutant, absolutely non-toxic , chlorine free and can be 100% recycled

Rev: 20 - Data: novembre 2020