



## TECHNICAL SPECIFICATION

Material Code	Structure	Thickness (µm)	Weight (g/m <sup>2</sup> )
206226	mCELLO	22	34
CELLOBZMIBOEX14561	n.d.	2 Adhesive I/II	
	BIOPE	60	76
	n.d.		

Unprinted material

Adhesives used are based on double component poliurethanic

### TENSILE PROPERTIES

Tensile strength - ASTM D 882-97	
Tensile strength MD >	46 N/15 mm
Tensile strength TD >	25 N/15 mm

Elongation to breakage % - ASTM D 882-97	
Elongation % MD	19 +/- 20%
Elongation % TD	45 +/- 20%

Seal strength - ASTM F88-99	
Seal Strength >	16 N/15 mm
Seal Temperature	140 °C
Seal Pressure	230 Kpa
Seal time	1,5 s

Bond-strength - ASTM F904-98	
I/II layer >	1 N/15 mm

Puncture resistance IN/OUT - ASTM F1306-90	
Max Force >	15 N
Deformation	0,4 cm +/- 15%
Max Energy >	3 N cm

Puncture resistance OUT/IN - ASTM F1306-90	
Max Force >	14 N
Deformation	0,3 cm +/- 15%
Max Energy >	3 N cm

MD = MACHINE DIRECTION

TD = TRASVERSAL DIRECTION

### BARRIER PROPERTIES

ASTM D3985-95 (23°C - 0%rh) Oxygen Permeability <	0,2 cc/m <sup>2</sup> /24h (23°C -0% r.h.)
ASTM F1249-90 (38°C - 90%rh) Moisture Permeability <	10 g/m <sup>2</sup> /24h (38°C - 90% r.h.)

Values shown in this specification, checked on plain material, can vary in relation to different raw material suppliers.