

07/01/2019 Rev.04

TECHNICAL DATA SHEET

- Description:** Flexible barrier Film.  
9 Layer Coextruded Film.
- Product:** **SEAL PLUS BEIGE & BLACK 80μ**
- Note:** **Double Welding** (from production date: 12/11/2018)

TEST		U.M.	METHOD	TYPICAL VALUE (^)
Thickness		μ	ISO 4593	80 ± 10%
Weight		gr/sqm	Internal	78 ± 10%
Tensile strenght at break	<b>MD</b>	MPa	ASTM D882	45 ± 15%
	<b>TD</b>	Mpa	ASTM D882	40 ± 15%
Elongation at break	<b>MD</b>	%	ASTM D882	850 ± 15%
	<b>TD</b>	%	ASTM D882	800 ± 15%
Dart Drop Test		(wheight) g	ASTM D1709 method A	1060 ± 15%
Dart Drop Test		(wheight) g	ASTM D1709 method B	700 ± 15%
Puncture Properties		N	ASTM F 1306	15 ± 10%
		mm		17 ± 10%
Tear Strength	<b>MD</b>	N	Elmendorf Method ISO 6383-2 (Parte 2)	10 ± 30%
	<b>TD</b>	N		30 ± 30%
Oxygen Transmission Rate		Cm <sup>3</sup> /m <sup>2</sup> /d * (@23°C, 0% RH) 100% O <sub>2</sub> (1,0 bar)	ASTM D3985-02	4 ± 15%
		Cm <sup>3</sup> /m <sup>2</sup> /d * (@23°C, 0% RH) 20% O <sub>2</sub> (0,2 bar)	DIN 53380	0,8 ± 15%
		Cm <sup>3</sup> /m <sup>2</sup> /d * (@23°C, 50% RH) 100% O <sub>2</sub> (1,0 bar)	ASTM D3985-02	3 ± 15%
		Cm <sup>3</sup> /m <sup>2</sup> /d * (@23°C, 50% RH) 20% O <sub>2</sub> (0,2 bar)	DIN 53380	0,6 ± 15%
UV Resistance		approximately 140 Kly 12 Months life depends on the area of exposure **		

\*\* Guaranteed till to a decay of 50% of the Mechanical Properties and Oxygen Transmission Rate.

(^) All mechanical test done @23°C, 50%RH.

The obtained values don't derive from a single point but from the averaging obtained by all the batch.

**Storage:** Temperature: -10°C + 30°C (time extended storage at high temperature, above 35°C, may cause blocking problems, compromising the unwinding ).  
Avoid direct exposition to sunrays (time extended exposition to UV may cause a loss in mechanical properties).

**Quality Manager**

Orazio Polello

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