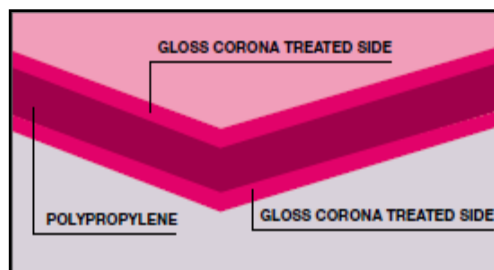


## SHINY GLOSS WET 12 μ

Biaxially oriented polypropylene gloss film. Its main application is the lamination of printed paper, carton and board. Throughout the laminating process the film provides a gloss optical finish. Both sides of the film are corona treated and are suitable to be printed after the lamination.

Product code: BPL012

Update: December 2020



### TECHNICAL FEATURES

PHYSICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Thickness		ASTM E 252	micron (μm)	12
Grammage		Internal	g/m <sup>2</sup>	10,8
Yield		Internal	m <sup>2</sup> /kg	92,59
Coefficient of Friction	Static	ASTM D 1894	-	
	Dynamic		-	0,30
Wetting tension	Inside	ASTM D 2578	Dyne/cm	38
	Out side			38

MECHANICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Tensile Strength	MD	ASTM D 882	Kg/cm <sup>2</sup>	15
	TD			30
Tensile Elongation	MD	ASTM D 882	%	170
	TD			55

OPTICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Haze (base film)		ASTM D 1003	%	1,7
Gloss 60°		ASTM D 2457		-

THERMAL PROPERTIES		TEST METHOD	UNIT	VALUE
Shrinkage (120°C, 15min)	MD	ASTM D 1204	%	5
	TD			1,5

BARRIER PROPERTIES		TEST METHOD	UNIT	VALUE
WV TR 38°C, 90% RH		ASTM F 372	g/m <sup>2</sup> /24hr	7
O <sub>2</sub> TR 23°C, 0% RH		ASTM D 3985	Cc/m <sup>2</sup> /24hr	2300

**Storage:** store in a dry and clean place far from heat sources and humidity (max 30°C and 55% of relative humidity). Do not expose rolls to direct sunlight. Protect the partially used rolls and keep a high stock rotation. The film should be allowed to reach operating room temperature 24 hours before use.

**Note:** trial tests are recommended before proceeding with full production run so as to verify the suitability of the product for its specific application. Verify the compatibility of the film with inks and adhesives. Please visit our web site for more details.

The values indicated represent the best of our knowledge and experience. They are provided simply as a matter of information, taking no responsibility on their absolute truthfulness. Values may be changed without notice. Mag Data S.p.A gives no warranty, expressed or implied, as to the suitability of the product for any specific application.

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