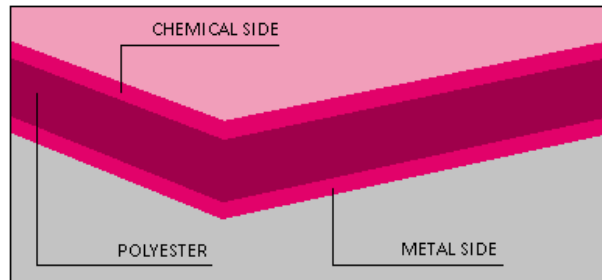


SILVER LIGHT WET 12 μ

Polyester film suitable for flexible packaging applications. One side is chemically treated and the other side is metallized. The metal side is pre-treated with Plasma technology to enhance metal adhesion on surface and increase the barrier properties. The chemical treatment enhances adhesion to solvent base inks and adhesives.



Product code: PPM012

Update: March 2021

TECHNICAL FEATURES

PHYSICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Thickness		Internal	micron (μm)	12
Grammage		-	g/m ²	16.75
Yield		Internal	m ² /kg	59.7
Coefficient of friction	Static	ASTM D 1894	-	0.55
	Dynamic		-	0.50
Surface tension	Acrylic side	ASTM D 2578	Dyne/cm	42
	Metallized side		Dyne/cm	54

MECHANICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Tensile strength	MD	ASTM D 882	kg/mm ²	2200
	TD			2300
Elongation at break	MD	ASTM D 882	%	125
	TD			120

THERMAL PROPERTIES		TEST METHOD	UNIT	VALUE
Heat shrinkage (150°C, 30 min.)	MD	ASTM D 1204	%	2.0
	TD			0.0

OPTICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Optical density		ASTM D 1003	o.d.	2.2 ± 5%

BARRIER PROPERTIES		TEST METHOD	UNIT	VALUE
WVTR, 37,7°C deg 90%RH		ASTM F 1249	gm/ m ² /day	≤0,8
O2 permeability 23deg 0%RH		ASTM D 3985-95	cm ³ / m ² /day	≤1,0

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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