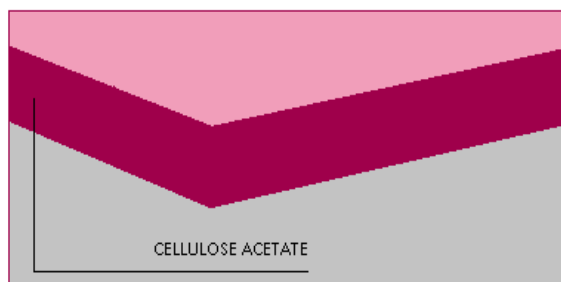


ACE GLOSS WET 14 μ

Film made starting from cellulose or cotton, two naturally renewable resources. The cellulose comes from wood pulp derived from managed and certified plantations, with typically more trees planted annually than are harvested. This film does not contain any derivative from petroleum or GMO starch. It is certified according to European standard EN 13432 and American ASTM D 6400 as bio-degradable and compostable* in home conditions (compost yard).



Product Code: CGL014

Update: December 2020

TECHNICAL FEATURES

PHYSICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Thickness		Internal	micron (μm)	14
Grammage		-	g/m ²	18,34
Yield		Internal	m ² /kg	54,53
COF	Dynamic	ASTM D 1894	-	0,4 - 0,6
Surface energy		Internal	Dyne/cm	38-42

MECHANICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Tensile strength	MD	ASTM D 882	Nmm ⁻²	80-110
	TD			-
Elongation at break	MD	ASTM D 882	%	25-45
	TD			-
E-Modulus		ASTM D 882	Nmm ⁻²	2000-2500
Tear initiation		MD	ASTM D1938	N
Tear propagation		MD	ASTM D1938	N

THERMAL PROPERTIES		TEST METHOD	UNIT	VALUE
Linear shrinkage (115°C, 10min)	MD	Internal	%	1-1,5
Dimensional stability (20H, 80°C, 95%RH)	MD	Internal	%	2,15
Softening temperature		Internal	°C	=140
Glass transition temperature		Internal	°C	=120

OPTICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Haze		ASTM D 1003	%	0,7
Gloss	20°	ASTM D 523	%	129,4
	60°		%	142,9
	85°		%	119,5

* compostability certified with thicknesses up to 116μ

Storage: acetate is a delicate material. Do not leave the partially used rolls out of their original packaging. It's better to protect them with a plastic bag and place them suspended or in a box. Store reels away from heat sources with temperatures between 15 ° and 25 ° and a relative humidity between 30% and 60%. 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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