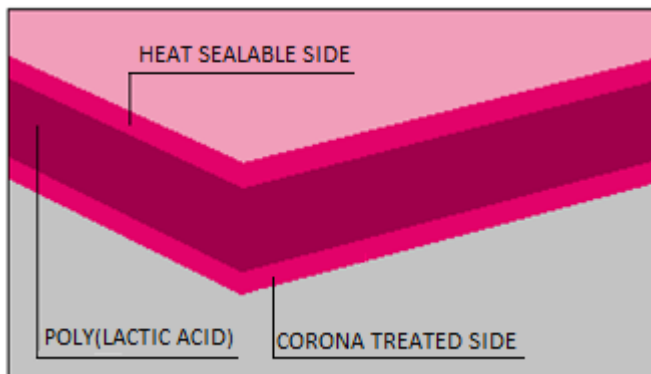


TECHNICAL DATA SHEET

BIO GREEN GLOSS - PLX015

BIO GREEN GLOSS - PLX015 is a transparent bioriented poly(lactic acid) film with a heat-sealable side and a corona treated side.

BIO GREEN GLOSS - PLX015 is made using exclusively renewable non-fossil raw materials, is biodegradable and compostable, in accordance with EN 13432:2000-12.



TYPICAL TECHNICAL FEATURES (*)

PHYSICAL PROPERTIES		UNIT	VALUE	METHOD
Thickness		μm	15 ± 1,5	ISO 4593
Grammage		g/m ²	18,6 ± 1,86	Internal
Surface tension	corona side	dyne/cm	≥ 38	ISO 8296

MECHANICAL PROPERTIES		UNIT	VALUE	METHOD
Tensile strength	MD	MPa	≥ 100	ISO 527
	TD		≥ 90	
Elongation at break	MD	%	≤ 180	ISO 527
	TD		≤ 180	

SEALING PROPERTIES		UNIT	VALUE	METHOD
Seal strength (85°C/1,35bar/2s)		N/15mm	≥ 2,0	Internal

THERMAL PROPERTIES		UNIT	VALUE	METHOD
Thermal shrinkage (100°C/10min)	MD	%	≤ 10,0	ISO 11501
	TD		≤ 6,0	

OPTICAL PROPERTIES		UNIT	VALUE	METHOD
Haze		%	≤ 3,0	ASTM D1003
Transmittance		%	≥ 90	ASTM D1003

STORAGE

Store the material in a dry location (preferably with RH between 40 and 70%) at a constant temperature between 10°C and 30°C. Do not leave it exposed to direct sunlight or atmospheric agents.

Partially used reels have to be repacked as originally supplied.

(*) The information and data contained herein are to be used only as a guideline; therefore, MAG DATA Spa doesn't offer any guarantee on their absolute truthfulness and doesn't accept any liability arising out of their use.

WARRANTY

Material processability is guaranteed up to 6 months since shipment date, as long as it is stored correctly. It is recommended to condition the material at room temperature at least 24 hours before its use.

DISCLAIMERS

MAG DATA Spa gives no warranty, expressed or implied, as to the suitability of the material for a specific application or characteristic use. An industrial homologation test of the material in actual conditions of purpose is always needed in order to verify its suitability for the specific application or characteristic use.

Before using the material, it is advisable to check the compatibility of the inks and adhesives to be purposed with the type and level of its treatment.