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TECHNICAL DATA SHEET

LMG® C ANTIMICROBIAL

« **LMG® C ANTIMICROBIAL** is a polypropylene cast film with antimicrobial properties.

LMG C Antimicrobial Films are effective against :

- Staphylococcus aureus (Gram +)
- Escherichia Coli (Gram-)

The development and proliferation of bacteria on the surface of this film are slowed down and the microbes and bacteria count is strongly reduced according and proven by ISO 22196:2011 tests :

- determination of antibacterial activity (R) - $R=(U_t-U_0)-(A_t-U_0)$ *
- determination of antibacterial activity (R) *

* available data upon request

Color : clear

Updated : July 2020

Maximum Validity Date : July 2021

PROPERTIES	TEST METHOD	UNIT	VALUE
THEORETICAL AVERAGE THICKNESS	DOCQ104	microns	75
SURFACE TENSION (measured after extrusion on printable side)	ISO 8296	dyn/cm	> 40

In order to assure the antimicrobial effect,

- You have to print on the reverse side and to inject on the printed side.
- OR you have to use inks and varnishes with the same properties.

STORAGE : in a clean, controlled temperature and humidity environment.

The reels should remain in their protective packaging covering supplied until they are used on converting machines.

Recommended ranges : temperature : 20 – 26°C Relative Humidity : 40 – 60% R.H.

Storage temperature should be the same as print room temperature.

Films should be allowed to reach operating room temperatures for 24 hours before use.

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The client should perform his own tests to determine the suitability for a purpose. The final choice of use of a product remains the responsibility of the client.