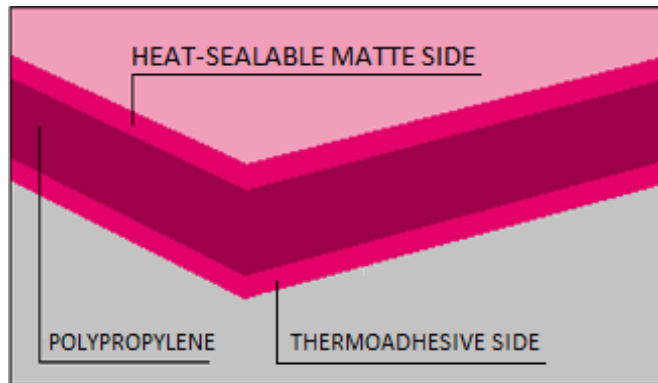


TECHNICAL DATA SHEET

HEAT SEALABLE MATT DRY - BOD027

HEAT SEALABLE MATT DRY - BOD027 is a bioriented polypropylene film with one matte heat-sealable side and the other coated with a heat-activated adhesive.



TYPICAL TECHNICAL FEATURES ^(*)

PHYSICAL PROPERTIES		UNIT	VALUE	METHOD
Thickness		μm	27 ± 1,35	Internal
Grammage		g/m ²	23,47	Internal

MECHANICAL PROPERTIES		UNIT	VALUE	METHOD
Tensile strength	MD	N/mm ²	110	ASTM D882
	TD		200	
Elongation at break	MD	%	150	ASTM D882
	TD		70	

SEALING PROPERTIES		UNIT	VALUE	METHOD
Sealing temperature range (0,5 sec, 150N) (heat-sealable side/heat-sealable side)		°C	120 - 140	Internal
Seal strength (135°C/270N/1s) (heat-sealable side / heat-sealable side)		N/15mm	≥ 2,5	Internal

THERMAL PROPERTIES		UNIT	VALUE	METHOD
Thermal shrinkage (120°C/5min)	MD	%	4,0	ASTM D1204
	TD		2,0	
Lamination temperature		°C	95 - 115 ^(†)	Internal

^(†) variable according to the processing conditions

OPTICAL PROPERTIES		UNIT	VALUE	METHOD
Gloss (matte side)	60°	GU	9,5 - 11,5	ASTM D2457

STORAGE

Store the material in a dry location (preferably with RH < 50%) at a constant temperature between 10°C and 30°C. Do not leave it exposed to direct sunlight or atmospheric agents.

^(*) 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.

Partially used reels have to be repacked as originally supplied.

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.