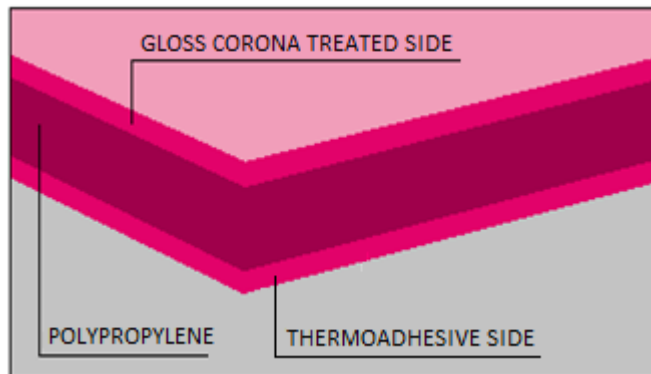


# TECHNICAL DATA SHEET

# SHINY GLOSS DIGITAL – TRG025

**SHINY GLOSS DIGITAL – TRG025** is a gloss bioriented polypropylene film with one side corona treated and other side coated with adhesive, which is specifically designed for thermal lamination of digitally printed paper and cardboard.



## TYPICAL TECHNICAL FEATURES (\*)

PHYSICAL PROPERTIES		UNIT	VALUE	METHOD
Thickness		µm	25	Internal
Yield		m <sup>2</sup> /kg	43,48	Internal
Grammage		g/m <sup>2</sup>	23,0	Internal
Surface tension	corona side	dyne/cm	≥ 38	ASTM D2578

MECHANICAL PROPERTIES		UNIT	VALUE	METHOD
Tensile strength	MD	kg/mm <sup>2</sup>	12	ASTM D882
	TD		25	

THERMAL PROPERTIES		UNIT	VALUE	METHOD
Thermal shrinkage (120°C/15min)	MD	%	3,5	ASTM D1204
	TD		1,4	
Lamination temperature	adhesive side	°C	100-110 <sup>(†)</sup>	Internal

<sup>(†)</sup> variable according to the process conditions; the value indicated hereby is specific for a Qtopic laminator.

OPTICAL PROPERTIES		UNIT	VALUE	METHOD
Haze (after lamination)		%	2	ASTM D1003
Transmittance		%	87	ASTM E1164

## 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. 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.

<sup>(\*)</sup> 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.

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.