



# SUPLAIN

## 1011 MG

### Description

SUPLAIN 1011 MG is a transparent, biaxially oriented polypropylene (BOPP) film with improved antistatic property. No heat seal property. One side treated.

Textile packaging such as shirts, t-shirts, ties, socks and single or multi-pack greeting cards packaging where the antistatic property is required for easy processing and dust repellent.

### Properties

- Good moisture barrier
- Resistance to chemicals, greases and oils
- High gloss and clarity
- Improved antistatic property for use in textile packaging
- Excellent dimensional stability

## Technical Features

PROPERTIES	TEST METHOD	UNITS	1011 MG	
THICKNESS	ASTM F2251	micron	25	27
		Gauge	100	108
YIELD	ASTM D4321	m <sup>2</sup> /kg	44,0	40,7
		in <sup>2</sup> /Lbs	30.900	28.600
UNIT WEIGHT	ASTM D4321	g/m <sup>2</sup>	22,8	24,6
HAZE	ASTM D1003	%	1,0	
GLOSS (45 °)	ASTM D2457	%	100	
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm <sup>2</sup>	150
			lb/in <sup>2</sup>	21.800
		TD	N/mm <sup>2</sup>	290
			lb/in <sup>2</sup>	42.100
ELONGATION AT BREAK	ASTM D882	MD	% 210	
		TD	% 70	
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	% 3	
		TD	% 1	
COEFFICIENT OF FRICTION	ASTM D1894	Film/Film	0,30	
		Film/Metal	0,20	
SURFACE TENSION	ASTM D2578	Dyne/cm	Treated Side	38
			Other Side	-

### Regulatory Status

Our product complies with the applicable EC legislation on packaging involving direct contact with foods except metallized films. Full details are given on the Regulatory Compliance Certificate and can be found on our web site.

The information contained in this data sheet is true and accurate according to current state of our knowledge and intended to give general information on our products and their applications. Above values are to be considered as guidelines and not as product specifications. Since the actual conditions of use are beyond our control, users are advised to make their own tests at their specific conditions of laboratory and/or actual use. We suggest our customers to determine final suitability for their specific end uses.

Also be advised that information on this data sheet shall not be construed as an inducement or recommendation to use any process or to manufacture or use any product in conflict with existing, pending or future patents.

**For related spec sheet with tolerance values, please contact our sales departments**