

681-234

**RAW MATERIAL** Measures guaranteed by the manufacturer.

**CONSTRUCTION** Low charge generating coating  
Polypropylene  
Aluminium  
Polyethylene  
Low charge generating coating

PHYSICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Thickness	86 $\mu$ (+/- 10%)	ASTM D 2103
Tensile strength	24 lbs./ in MD 52lbs./ in TD	ASTM D 882
puncture resistance	24 lbs.	FTMS 101C method 2065
optical density	0.35 - 0.45	ASTM D 1003
transparency	40%	ASTM D 1003
elongation	MD 142% TD 38%	ASTM D 882
Seam strength	pass (3.5lb. hanging weight)	Mil PRF 81705C
Moisture vapour transmission	< 0.20 g / 100 in sq. / 24 hr.	ASTM F 1249

#### ELECTRICAL PROPERTIES

Surface resistance	< $1 \times 10^{11}$ ohms @ 12% R.H.	ANSI / ESD S 11.11
Metal layer	< 500 ohms	Monroc 267 buried layer
Static discharge shielding	< 25nJ	ANSI / ESD S 11.31

#### CHEMICAL PROPERTIES

Contact corrosivity	no visible corrosion	FTMS 101C method 3005
Ionic contamination	below detectable limits Na, F, PO <sub>4</sub> , SO <sub>4</sub>	gas chromatography
Amines, amides, silicon	none	
Polycarbonate compatibility		EIA 564

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**FINISHED PRODUCT****PHYSICAL PROPERTIES**

Tolerance on int. dim. on opening  
Tolerance on int. dim on length of the bags  
Tolerance on lip side for bags  
Seam width  
Positioning of the printing  
Marking of the production date  
Quality of the printing

**TYPICAL VALUES**

-3mm / +7mm  
1%  
1.8%  
≥ 2mm  
centred 1/3 across of the height from the bottom of the bag  
week year (XXYY)  
legible

**TEST METHOD****RECOMMENDATIONS OF USE**

Antistatic protection  
Shielding effect (cage of faraday)  
Vacuum packed  
Mechanical protection  
Possibilities of a zipper

YES  
YES  
NO  
low  
YES

**DURABILITY**

The antistatic properties are given by a non migrant and non hygrophilic agent, so they are considered as permanent.  
Nevertheless the marker's guarantee can not be claimed after a period of 24 months after the production date.