

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 μ (+/- 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	< 1×10^{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 ₄ , SO ₄	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.