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# Technical Datasheet

POYAD AS102

## 1) Product Description:

- ✓ Product: Anti-Static Master-Batch
- ✓ Carrier: Poly Propylene (Homo Polymer)
- ✓ Active ingredients: Anti-Static Agent

## 2) Application:

- ✓ BOPP & CPP Film: 0.5 to 2% (depends on the Film Thickness & Requirement) in core layer
- ✓ PP Sheet: 0.5 to 2% (depends on the Sheet Thickness & Requirement)

**Note 1:** Thinner film/sheet needs more addition rate

**Note 2:** Humid climate needs less addition rate

**Note 3:** Anti-Static agent migrates to the film/sheet surface so potential problems in printing and sealing shall be considered.

## 3) Features & Advantages:

- ✓ High absorption of moisture and eliminate electrostatic charge
- ✓ Lower the surface electrical resistivity
- ✓ Decrease the charge decay time

## 4) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate (230 °C/2.16 Kg)	ASTM D1238	g/10min	12 ± 3
Density	ASTM D 1505	g/cm <sup>3</sup>	1.01
Moisture	ASTM D 644	%	Max 0.1
Bulk Density	PPT Method	g/cm <sup>3</sup>	0.5

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