
Technical Datasheet

POYAD AS101

1) Product Description:

POYAD AS101 is a PP homo-polymer based antistatic MB designed to decrease the charge decay time and lower the surface resistivity during processing and end-use application of CPP and BOPP film. POYAD AS101 can eliminate quickly electrostatic charges in the surface of the BOPP film by high absorption of moisture and increase of the conductivity. It exhibits good heat stability and long term efficiency.

As POYAD AS101 contains a migrating agent, the printing properties might be slightly affected. So pre-checking of printing and sealing of the final films should be considered

2) Application:

POYAD AS101 is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using automatic dosing units or by pre-blending.

Depending on the application, type of base resin, thickness of the film and humidity of environment it can be used from 4 to 8 % in core layer. It should be stored in a dry and cool place not to exceed 6 month.

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
MFI (230 °C/2.16 Kg)	ASTM D1238	g/10min	10±2
Pellet size	PPT Method	Pieces/cc	30-40
Density	ASTM D 1505	g/cm ³	0.92
Moisture	ASTM D 644	ppm	Max.1000
Dispersion	PPT Method		OK