

Technical Datasheet

POYAD AF233

1) Product Description:

- ✓ Product: Anti Fog Master-Batch
- ✓ Carrier: Poly Ethylene

2) Application:

- ✓ PE Film: 3 to 10% (depends on parameters^{1,2})
- ✓ PE & PP Injection Molded Parts 3 to 10% (depends on parameters²)

Note 1: Higher cooling performance increases migration time

Note 2: Potential problems in sealing and printing shall be considered

3) Advantages:

- ✓ It Converts Water Droplets Formed on the Film into a Continuous Transparent Water Layer
- ✓ Fast Migration Ingredient
- ✓ Colorless
- ✓ Act as Anti Fog Agent in Molding Process
- ✓ No Significant Effect on Haze & Gloss

4) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate (190 °C/2.16 Kg)	ASTM D1238	g/10min	38 _{±2}
Moisture	ASTM D644	%	Max 0.1

- ✓ Food contact approved ref. I.R.I Ministry of Health and Care.

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