

Technical Datasheet

POYAD AB253

1) Product Description:

- ✓ Product: Slip Master-Batch
- ✓ Carrier: Poly Ethylene
- ✓ Active ingredient: Oleamide

2) Application & Addition Rate :

- ✓ PE Film: 0.2 to 2% (depends on parameters^{1,2} & Slippery requirement)
- ✓ PE & PP Injection Molded Parts (as mold release): 1 to 3% (depends on parameters²)

Note1: Thinner film needs more addition rate

Note 2: Higher cooling performance increases migration time (reach slippery/releasing slower)

Note 3: Potential problems in sealing and printing shall be considered

3) Advantages:

- ✓ Reduce COF (Coefficient of Friction)
- ✓ Fast Migration Ingredient
- ✓ Odorless, Colorless
- ✓ Act as Release Agent in Molding Process
- ✓ No Significant Effect on Haze & Gloss

4) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate (190 °C/1.2 Kg)	ASTM D1238	g/10min	18±2
Density	ASTM D 1505	g/cm ³	1.15
Moisture	ASTM D 644	%	Max 0.1

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