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# Technical Datasheet

POYAD PA 211

## 1) Product Description:

- ✓ Product: Processing Aid Masterbatch
- ✓ Carrier: Poly Ethylene
- ✓ Active ingredient: Flouropolymer

## 2) Application:

- ✓ PE Film/Sheet: 0.5 to 1% (to reach high performance shall follow instruction: 20-20; see note)
- ✓ PE Pipe & Profile Extrusion: 0.5 to 1% (to reach high performance shall follow instruction: 20-20; see note)

Note: Start with 20% of POYAD PA211 keep running for 20 min. to reach the desirable performance in short time; then reduce dosage to 0.5 to 1%

## 3) Advantages & Features:

- ✓ Coat internal surface of extruder and die so reduce friction between polymer and metal
- ✓ Eliminate melt fracture effect (that also called shark skin)
- ✓ Improve surface quality, clarity & gloss
- ✓ Reduce die pressure, Enhance output
- ✓ Reduce die build-up

## 4) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate (190 °C/2.6 Kg)	ASTM D1238	g/10min	4+1
Density	ASTM D 1505	g/cm <sup>3</sup>	0.93
Moisture	ASTM D 644	%	Max 0.1

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