

## Technical Datasheet

### C1PE-PPAM

#### Product Description:

C1PE-PPAM is the polymer processing aid masterbatch based on Fluoroelastomers. is widely used in LLDPE film extrusion to improve the process ability of the polymers at higher shear rates. Addition of PPA Masterbatch reduces the melt fracture or shark skin effect during the process of LLDPE / LDPE / HM-HDPE by extrusion process.

#### MAIN FEATURES:

- Broadens extrusion processing capabilities of polyolefin resins.
- Reduces or eliminates Die built up.
- Lowers apparent Melt Viscosity.
- Can offer performance & cost advantages.
- Imparts a smooth, glossy and even surface to the extrudated / film..
- Reduces the wear and tear of the melt line, as a result increases the life of the processing equipment.
- Reduces the chance of degradation of polymer and colours as it lowers the resistance time of melt through faster plastication.
- Lowers the processing temperature, hence reduces electrical energy consumption by 5-15%.
- Reduces the melt COF and hence there is an increase in output.

#### Appearance:

Host Polymer	LLDPE
Appearance	Granules
Color	Natural

#### Physical Properties:

Properties	Unit	Value	Standard
Specific Gravity	g/cm <sup>3</sup>	0.915	ASTM D792

Usage: C1PE-PPAM is to be mixed with the polymer in the dosage of 0.5 to 2.0% for LLDPE & HDPE Generally the 0.5% use of this Masterbatch gives a good result for processing Film.

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