

Polymer Processing Aid (PPA)

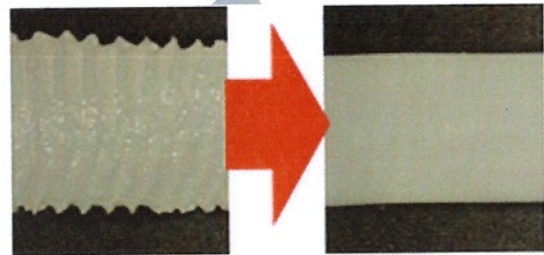
Process aid eliminate melt fracture at given shear rate to allow for higher throughput before onset begins again. It is a Fluoro Polymer based processing additive

Melt fracture

Melt fracture is a surface roughness on films or other extruded shapes resulting from a slip/stick action on molten polymer exiting a die. It is most often seen with tougher resin such as LLDPE & HDPE. Also known as Sharkskin, Orange peel, Wavy zigzag.

Key Characteristics

- Its incompatible with PO also act as lubricant.
- Improve Polymer flow in extrusion.
- Improve productivity
- Reduces back pressure
- No die buildup and die lines
- No gel formation
- Reduces back pressure
- Improves surface finish and gloss
- Quicker color changeover & reduces machine startup time.
- Power consumption effectively reduces.

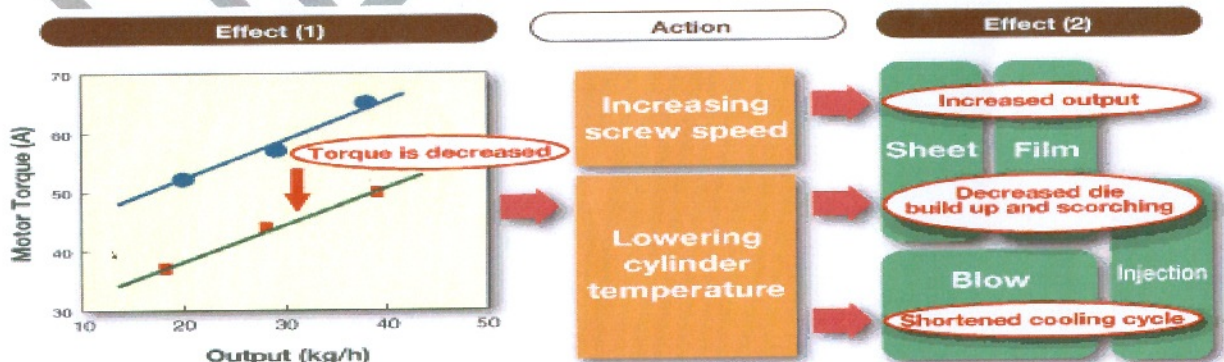


Melt fracture elimination

Product Code	Active Content	Base Polymer	Dosage
Additive D10-1069	4 %	PE	1-3 %

Applications

- Mono And Multi Layer Films , HDPE Pipes And Drip Laterals, PLB Duct Pipes
- Roto Molding
- Blow Molding And Injection Molding
- Green House Films And Mulch Films



Disclaimer:

All information is given in good faith. Above all data obtained under standard conditions with our testing facilities, may vary under different conditions. It is recommended to test the above properties to finalize the use of the product for specific and particular applications.