

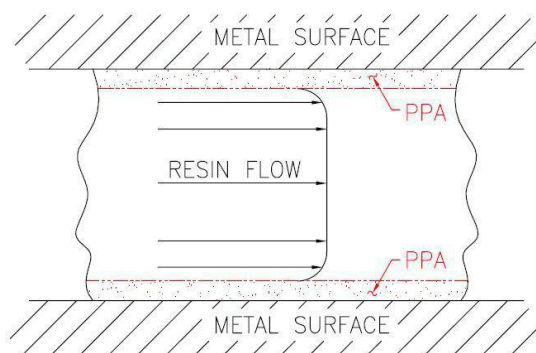
Key Value

- Reduce Cost by material substitution.
 - Use material with lower Melt Flow Index (MFI).
 - Allows extrusion of temperature sensitive resin
- Improve Product Quality.
 - Reduces surface defects such as melt fracture, porosities, burrs, etc.
 - Improves dimension control and consistencies;
 - Reduce Gel Formation.
 - Reduce Crystallization.
- Increases Productivity and Reduces Power Consumption,
 - Enable lower processing temperature.
 - Reduces cooling requirements.
 - Reduce back pressure.
 - Increase continuous production time and reduces downtime.
 - Reduces time taken for color changeover.

Working Principle

Within the Extruder, PPA particles will migrate to the metal surface and forms a very thin friction reducing film. This gives a more uniform and smooth flow as illustrated by the diagram on the left.

At the same time, PPA particles are in constant movement within the resin, which will assist in improving the mixing factor of other additives or color mixture.



Applications

Compatible material:

- Polyolefins, such as PE, PP, POE etc.
- Ethylene-vinyl acetate (EVA)
- PVC
- PC ; PC/ABS
- Polyamide (PA, Nylon)
- λ PMMA

Types of manufacturing process suitable:

- Blow Molding
- Extrusion
- Fiber Spinning
- Injection Molding
- Casting

Process Recommendation

- Dosage of 300 to 1100 ppm
- Processing Temperature of <300°C

Physical Properties

Appearance	Powder form
Colour	White
Concentration	99.0%
Particle Size	>10 mesh