Imaginative fluoropolymer solutions

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The Dyneon Product Portfolio:

- Dyneon™ PTFE, TFM™ PTFE, Custom PTFE Compounds
- Dyneon™ PFA, FEP, ETFE, HTE, THV™ FP, PVDF Fluoroplastics
- Dyneon™ Fluoroelastomers
- Dyneon™ Polymer Additives
- Dynamar™ Polymer Processing Additives
- Dynamar™ Elastomer Additives
- Dyneon™ Monomers

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Dyneon, one of the world’s leading suppliers of fluoropolymers, offers two families of polymer additives. In micropowder form, Dyneon™ Polymer Additives dramatically improve mar resistance. In granular form, Dyneon Polymer Additives offer enhanced anti-drip properties. These polymer additives improve performance in critical applications for industries including automotive, wire and cable and building materials.

**Wear Resistance**
Dyneon Polymer Additives offer improved mar resistance, a reduced coefficient of friction and improved non-stick properties when incorporated into resins for injection molded parts. They are typically added to thermoplastic and engineering resins used in the production of plastic parts such as bearings, joints and guides that are subjected to sliding friction. Polymer additives also increase chemical and temperature resistance as well as wear and scuff resistance.

### Benefits of Dyneon™ PA 5931, Dyneon™ PA 5932 and Dyneon™ PA 5933:
- High molecular weight granular fluoropolymers with the capacity to fibrillate during melt blending processes
- Testing shows reduced drip and propagation of flame (UL94 V-0 qualification)
- Added melt strength, sag resistance and viscosity during processing
- Increased die swelling

### Benefits of Dyneon™ PA 5958 and Dyneon™ PA 5959:
- High molecular weight fluoropolymer dispersions with the capacity to fibrillate during melt blending processes
- Highly concentrated fluoropolymer lattices allowing wet blending with other polymer dispersions prior to coagulation

---

**Drip Resistance**
Polymer additives intended for anti-drip benefits are particularly useful in wire and cable and building material applications. In granular form, when added to thermoplastic resins, polymer additives utilize fibrillation to significantly improve anti-drip properties, melt strength and sag resistance in applications like wire and cable insulation and jacketing, tubes, hoses, pipe liners and housings. These anti-drip characteristics can help retard flame propagation should the end-use part be exposed to extremely high temperatures. They are classified under UL94 V-0.

### Dyneon™ Polymer Additives Improve Drip Resistance In:
- Polycarbonate
- PP (Polypropylene)
- Polyamide
- Polystyrene
- PBT (Polyester)

---

### Dyneon™ Polymer Additives Anti-Drip Testing on 125 Mil (3mm) bars

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### Properties of Dyneon™ Polymer Additives

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Dyneon™ Polymer Additives
Anti-drip Testing on 125 Mil (3mm) bars

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<tr>
<th>Unit</th>
<th>Sample Number</th>
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Properties

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