

## Solvay Specialty Polymers Hyflon<sup>®</sup> PFA P7010 Perfluoroalkoxy (PFA)

Category : Polymer , Thermoplastic , Fluoropolymer , PFA

**Material Notes:**

Hyflon<sup>®</sup> PFA P7010 is a clear, semi-crystalline melt processable perfluorinated resin. It is designed for electrostatic powder coatings and is particularly recommended for use as a topcoat in antistick applications. Hyflon<sup>®</sup> PFA P7010 exhibits very low surface energy, very low coefficient of friction and excellent thermal and flame resistance. Additionally Hyflon<sup>®</sup> PFA P7010 coatings show excellent smooth surface finish, outstanding antistick behavior and can maintain performance over a wide temperature range. Features: Good Surface Finish; Good Thermal Stability; Low Friction; Semi Crystalline. Uses: Coating Applications. Additional Properties: Average Particle Size - Internal Method 25  $\mu\text{m}$ . Information provided by Solvay Specialty Polymers.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-Specialty-Polymers-Hyflon-PFA-P7010-Perfluoroalkoxy-PFA.php](http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Hyflon-PFA-P7010-Perfluoroalkoxy-PFA.php)

| Physical Properties | Metric   | English  | Comments   |
|---------------------|--|--|------------|
| Density             | 2.16 g/cc  | 0.0780 lb/in <sup>3</sup>  | ASTM D792  |
| Melt Flow           | 10 - 17 g/10 min<br>@Load 5.00 kg,<br>Temperature 372 $^{\circ}\text{C}$ | 10 - 17 g/10 min<br>@Load 11.0 lb,<br>Temperature 702 $^{\circ}\text{F}$ | ASTM D1238 |

| Thermal Properties | Metric                       | English                      | Comments |
|--------------------|------------------------------|------------------------------|----------|
| Melting Point      | 300 - 310 $^{\circ}\text{C}$ | 572 - 590 $^{\circ}\text{F}$ | DSC      |

| Descriptive Properties | Value                | Comments |
|------------------------|----------------------|----------|
| Availability           | Africa & Middle East |          |
|                        | Asia Pacific         |          |
|                        | Europe               |          |
|                        | Latin America        |          |
|                        | North America        |          |
| Color                  | Clear/Transparent    |          |
| Form                   | Powder               |          |
| Processing Technique   | Coating              |          |

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