

## Daikin NEOFLON AP-201SH PFA Semiconductor Grade

Category : Polymer , Thermoplastic , Fluoropolymer , PFA , Polyperfluoroalkoxyethylene, Molded/Extruded

### Material Notes:

NEOFLON PFA semiconductor grade.Applications: Good fluidity, suited to making moldings of complex shapes, requiring high fluidity.Information provided by Daikin Industries.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Daikin-NEOFLON-AP-201SH-PFA-Semiconductor-Grade.php](http://www.lookpolymers.com/polymer_Daikin-NEOFLON-AP-201SH-PFA-Semiconductor-Grade.php)

| Physical Properties | Metric                                                   | English                                                  | Comments |
|---------------------|----------------------------------------------------------|----------------------------------------------------------|----------|
| Specific Gravity    | 2.15 g/cc                                                | 2.15 g/cc                                                | at 25°C  |
| Bulk Density        | 1.20 g/cc                                                | 0.0434 lb/in <sup>3</sup>                                |          |
| Melt Flow           | 20 - 30 g/10 min<br>@Load 5.00 kg,<br>Temperature 372 °C | 20 - 30 g/10 min<br>@Load 11.0 lb,<br>Temperature 702 °F |          |

| Mechanical Properties          | Metric        | English       | Comments                |
|--------------------------------|---------------|---------------|-------------------------|
| Coefficient of Friction        | 0.040 - 0.060 | 0.040 - 0.060 |                         |
| Taber Abrasion, mg/1000 Cycles | <= 96.75      | <= 96.75      | 9.8 N load, cs-10 wheel |

| Thermal Properties | Metric  | English | Comments |
|--------------------|---------|---------|----------|
| Flammability, UL94 | V-0     | V-0     |          |
| Oxygen Index       | >= 95 % | >= 95 % |          |

| Electrical Properties | Metric             | English            | Comments  |
|-----------------------|--------------------|--------------------|-----------|
| Dielectric Constant   | 1.92 - 2.12        | 1.92 - 2.12        | ASTM D150 |
|                       | @Frequency 1000 Hz | @Frequency 1000 Hz |           |
|                       | 1.92 - 2.12        | 1.92 - 2.12        | ASTM D150 |
|                       | @Frequency 1e+6 Hz | @Frequency 1e+6 Hz |           |
| Dissipation Factor    | 0.00010 - 0.00021  | 0.00010 - 0.00021  |           |

## Contact Songhan Plastic Technology Co.,Ltd.

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