NEOFLOON PFA AP-211SH is a fully fluorinated high purity PFA. Melt flowability and stress crack resistance are excellent. It is suitable for injection molded parts used for semiconductors.

Introduction
- **AP-211SH** is a copolymer of tetrafluoroethylene and perfluoro alkyl vinyl ether. At the same time, it is a high purity PFA with its end groups completely fluorinated.
- **Good melt flowability** while maintaining excellent properties of PTFE. It can be used for melt molding as a thermoplastic resin. **Injection molding** and extrusion molding are suitable.
- Excellent in melt flowability. Applicable for injection molded products. It has been used for injection molded parts for semiconductors such as **fitting nuts**.
- **Less eluted fluoride ions.** Due to the fluorinated terminal group.
- **The most excellent stress crack resistance** in injection molding grade of PFA.
- **Excellent chemical resistance** which is not affected by most of the chemicals.
- Flexible and tough under the cryogenic to high temperature.
- Excellent heat resistance. Continuous use temperature is 260 °C.
- **Nonflammable** like POLYFLON PTFE and NEOFLON FEP.
- **Excellent weather resistance.** No properties change even when exposed outside for a long time.

General physical properties

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFR</td>
<td>g/10min</td>
<td>14</td>
<td>372°C、5kgf</td>
</tr>
<tr>
<td>Melting Point</td>
<td>°C</td>
<td>303</td>
<td>DSC</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>-</td>
<td>2.14</td>
<td>ASTM D 792 Compliant</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>MPa</td>
<td>35</td>
<td>ASTM D 1708 Compliant</td>
</tr>
<tr>
<td>Elongation</td>
<td>%</td>
<td>410</td>
<td>ASTM D 1708 Compliant</td>
</tr>
</tbody>
</table>

* The above values are representative values, not guaranteed values.

Handling method / Safety information
- Be sure to read the notes on SDS and labels before use.
- This product is intended for general industry, and therefore its adequacy and safety as a raw material for medical purposes cannot be guaranteed.
Packing specification  25Kg

For more information, visit our website.

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