NEOFLON PFA AP-230AS is a conductive fluorocarbon resin. It is suitable for extrusion molding.

Introduction
- AP-230AS is a copolymer of tetrafluoroethylene and perfluoroalkyl vinyl ether.
- It is a PFA with conductivity.
- Good melt flowability while maintaining excellent properties of PTFE. It can be melt-molded as a thermoplastic resin by extrusion molding, transfer molding, compression molding and the like.
- Especially, it is used for thin-walled tubes for copy rolls by extrusion molding.
- Excellent chemical resistance which is not affected by most of the chemicals.
- It can also be adopted to conductive valve lining applications.
- It retains flexibility without losing toughness under the environment from cryogenic to high temperature.
- No change in the resistance value up to 200 °C.
- Non-stickiness. It shows excellent releasability and water repellency / oil repellency.

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>1.9</td>
<td>372°C, 5kgf</td>
</tr>
<tr>
<td>Melting Point</td>
<td>°C</td>
<td>300</td>
<td>DSC</td>
</tr>
<tr>
<td>Volume resistivity</td>
<td>Ω·cm</td>
<td>7.5x10^{12}</td>
<td>ASTM D257 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>260</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
- 50Kg

For more information, visit our website.

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