Fluoropolymer
NEOFLON PFA AF-0050

NEOFLON PFA AF - 0050 is a fluoropolymer film with about the same characteristics as PTFE.

Introduction
- NEOFLON PFA film is smooth high-performing non-stretch film which is formed by melt extrusion with NEOFLON PFA material.
- NEOFLON PFA film has a molecular structure in which a principle chain consisting of atoms of carbon and fluorine is combined with the perfluoroalkoxy group, to give outstanding heat and chemical resistance, nonadhesion, and nonflammability.
- It also possesses fabricating characteristics including sealing, thermoforming, welding and heat bonding as well as adhesion (surface treatment items).

General characteristics

<table>
<thead>
<tr>
<th>Items</th>
<th>Unit</th>
<th>Figures</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average thickness</td>
<td>μm</td>
<td>50</td>
<td>ASTM D 3368</td>
</tr>
<tr>
<td>Melting point</td>
<td>°C</td>
<td>305</td>
<td>DSC method</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>MPa</td>
<td>44.0</td>
<td>ASTM D3368</td>
</tr>
<tr>
<td>Elongation</td>
<td>%</td>
<td>400</td>
<td>ASTM D3368</td>
</tr>
<tr>
<td>Heat shrinkage rate</td>
<td>%</td>
<td>-0.2/ -1.1</td>
<td>ASTM D3368 200°C×10min</td>
</tr>
</tbody>
</table>

*The figures in this table are typical measured values at our company, not the values for guaranteeing.

Handling/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.

Packaging
- The product is rolled on a paper core, hung with a protector at both ends, and packed in a carton box.

For more information, visit our website.
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https://www.daikinchemicals.com/