Positively Innovative

Fluoropolymer
NEOFLON PFA AF-0025B1

NEOFLON PFA AF – 0025B1 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).
- By special surface treatment, it is possible to adhere to other materials such as adhesives, resins, rubbers etc, that were difficult in the past

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>25</td>
<td>ASTM D 3368</td>
</tr>
<tr>
<td>Melting point</td>
<td>℃</td>
<td>305</td>
<td>DSC method</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>MPa</td>
<td>40</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 (MD/TD)</td>
<td>%</td>
<td>$-0.8/-0.7$</td>
<td>ASTM D3368 200℃×10min</td>
</tr>
<tr>
<td>Adhesive strength</td>
<td>N/m</td>
<td>370</td>
<td>DAIKIN method</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.

https://www.daikinchemicals.com/

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