Fluoropolymer
NEOFLON CPT LP-1000

NEOFLON CPT LP-1000 is a new type of fluoropolymer that has excellent permeation for organic solvent, water vapor and gasoline.

Introduction
- NEOFLON CPT LP-1000 is a copolymer of tetrafluoroethylene and perfluoroalkyl vinyl ether in which main chain the third monomer added.
- **Hot melt adhesion to the other plastics** such as Polyamide with its reactive group.
- **Adhere directly to rubber** such as NBR, ECO by cross linking during the vulcanization.
- **Good flexibility** and **excellent permeation** for organic solvent, water vapor and gasoline.
- It can be melt-molded as a thermoplastic resin by **extrusion molding, injection molding, compression molding** and the like.

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>30</td>
<td>297℃、49N</td>
</tr>
<tr>
<td>Melting Point</td>
<td>°C</td>
<td>248</td>
<td>ASTM D 4591 Compliant</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>26</td>
<td>ASTM D 3307 Compliant</td>
</tr>
<tr>
<td>Elongation</td>
<td>%</td>
<td>350</td>
<td>ASTM D 3307 Compliant</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>g/ml</td>
<td>1.30</td>
<td>JIS K 6891 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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