**Flexible Composite Paper**

**Fexicom H**

Nomex Kapton Nomex

**Description**

Fleexicom h no nn is class h flexible electrical insulating material made with combination of electrical film and flexible paper. Nomex Poly Aramid paper is laminated on both sides of kapton polyimide film using special hi temperature adhesive as bonding material.

**Features**

- Higher temperature resistance
- Higher mechanical strength
- Better electrical strength
- Compatible with impregnating Varnish

**Application**

Compotherm no nm is suitable for slot insulation, interphase insulation and liner insulation in Class H electrical motors and electrical apparatus. It can also be used in the special position of Class B/F electric motor and electric apparatus.

**Properties**

<table>
<thead>
<tr>
<th>Properties</th>
<th>Unit</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>g/cubic cm</td>
<td>1.7-1.9</td>
</tr>
<tr>
<td>Martens Temp</td>
<td>Degree C</td>
<td>&gt;200</td>
</tr>
<tr>
<td>Water</td>
<td>%</td>
<td>0.8</td>
</tr>
<tr>
<td>Flexual Strength</td>
<td>Mpa At Room Temp</td>
<td>&gt;350</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>Mpa</td>
<td>&gt;300</td>
</tr>
<tr>
<td>Dielectrical Strength On</td>
<td>Kv</td>
<td>&gt;20</td>
</tr>
</tbody>
</table>
2mm Sheet in Oil
Bonding Strength N >/5600
Test Method IEC 893.2
Thermal Stability at 180 Degree for 72 Hrs And cooled at normal temperature No physical deformation observed.

Availability

Weight :50 Kgs • Width 36 Inch • Core ID 76mm

Packaging

In strong cartoon

Storage

It should be stored in normal temperature & should be kept at dust free It can be stored for unlimited period.

DISCLAIMER

All information, recommendations and test data herein are offered only as a guide. We believe them to be accurate but do not guarantee results, freedom from patent infringement, suitability of this product for any resultant application.