

Daikin NEOFLON NF-1500 FEP Film

Category : Polymer , Film , Thermoplastic , Fluoropolymer , FEP , Fluorinated Ethylene Propylene (FEP), Molded/Extruded

Material Notes:

NEOFLON FEP films are a high performance film made from NEOFLON FEP resin and have superior reliability and retention of their properties. NEOFLON FEP is applicable in such diversified fields as electrical, chemical, food, and pharmaceutical industries. Information provided by Daikin Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Daikin-NEOFLON-NF-1500-FEP-Film.php

| Physical Properties | Metric | English | Comments |
|-----------------------|------------------------------------|--|----------|
| Oxygen Transmission | 320 cc-mm/m ² -24hr-atm | 812 cc-mil/100 in ² -24hr-atm | at 25°C |
| Nitrogen Transmission | 104 cc-mm/m ² -24hr-atm | 263 cc-mil/100 in ² -24hr-atm | at 25°C |
| Thickness | 1520 microns | 60.0 mil | |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|---------------|---------------|----------|
| Coefficient of Friction | 0.040 - 0.060 | 0.040 - 0.060 | |

| Thermal Properties | Metric | English | Comments |
|--------------------|---------|---------|----------|
| Flammability, UL94 | V-0 | V-0 | |
| Oxygen Index | >= 95 % | >= 95 % | |

| Optical Properties | Metric | English | Comments |
|-----------------------|-----------|-----------|----------|
| Transmission, Visible | 92 - 95 % | 92 - 95 % | |
| IR Transmittance | 95 - 98 % | 95 - 98 % | |
| UV Transmittance | 91 - 92 % | 91 - 92 % | |

| Electrical Properties | Metric | English | Comments |
|-----------------------|--------------------|--------------------|-----------|
| Dielectric Constant | 2.0 - 2.2 | 2.0 - 2.2 | ASTM D150 |
| | @Frequency 1000 Hz | @Frequency 1000 Hz | |
| | 2.0 - 2.2 | 2.0 - 2.2 | ASTM D150 |
| | @Frequency 1e+6 Hz | @Frequency 1e+6 Hz | |
| Dissipation Factor | 0.00010 - 0.00030 | 0.00010 - 0.00030 | |

| Descriptive Properties | Value | Comments |
|------------------------|---------|----------|
| Roll Length | 25 mm | |
| Roll Weight | 100 kg | |
| Roll Width | 1250 mm | |

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