

## NEXA® PFX9020 Perfluoroelastomer

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

NEXA produces sealing elements for extreme and critical applications, particularly where high temperature, wet conditions (steam/water), purity and chemical resistance are important factors to consider. Applications include Aerospace, Automotive, Chemical, Food, Industrial, Pharmaceutical, Semiconductor, Nuclear, and Oil & Gas.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NEXA-PFX9020-Perfluoroelastomer.php](http://www.lookpolymers.com/polymer_NEXA-PFX9020-Perfluoroelastomer.php)

| Mechanical Properties | Metric                                  | English                                | Comments  |
|-----------------------|-----------------------------------------|----------------------------------------|-----------|
| Hardness, Shore A     | 75 - 85                                 | 75 - 85                                | DIN 53505 |
|                       | @Thickness 6.00 mm                      | @Thickness 0.236 in                    |           |
| Tensile Strength      | >= 17.0 MPa                             | >= 2470 psi                            | DIN 53504 |
| Elongation at Break   | >= 220 %                                | >= 220 %                               | DIN 53504 |
| 100% Modulus          | >= 0.00400 GPa                          | >= 0.580 ksi                           | DIN 53504 |
| Compression Set       | <= 35 %                                 | <= 35 %                                | DIN 53517 |
|                       | @Temperature 200 °C,<br>Time 259000 sec | @Temperature 392 °F,<br>Time 72.0 hour |           |

| Thermal Properties               | Metric | English | Comments |
|----------------------------------|--------|---------|----------|
| Maximum Service Temperature, Air | 300 °C | 572 °F  |          |

| Descriptive Properties | Value       | Comments |
|------------------------|-------------|----------|
| Color                  | Translucent |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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