

NYLENE® NX3064N

PA6

Polymeric Resources Corporation

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength | 75.8 | MPa | ASTM D 638 |
| Flexural Modulus | 2758 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 42.7 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Melting Temperature | 220 | °C | ASTM D 3418 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1130 | kg/m ³ | ASTM D 792 |

| Film Properties | Value | Unit | Test Standard |
|------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength, MD | 59.6 | MPa | ASTM D 882 |

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion, Pipe/Tube Extrusion, Profile Extrusion

Special Characteristics

Heat stabilized or stable to heat

Features

Barrier Properties, Melt Strength

Chemical Resistance

General Chemical Resistance, Grease Resistance, Oxidation Resistance

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

North America