

NYLENE® PAC990-130HSL

PA6

Polymeric Resources Corporation

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength | 65 | MPa | ASTM D 638 |
| Flexural Modulus | 2199 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 58.7 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Melting Temperature | 175 | °C | ASTM D 3418 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1110 | kg/m ³ | ASTM D 792 |

| Processing Recommendation Extrusion | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 65 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Melt temperature | 249 - 260 | °C | - |
| Feed temperature | 232 - 243 | °C | - |
| Zone 1 | 243 - 254 | °C | - |
| Zone 2 | 230 - 245 | °C | - |
| Nozzle temperature | 249 - 260 | °C | - |

Characteristics**Processing**

Film Extrusion

Features

Copolymer

Additives

Lubricants

Applications

Monofilament, Packaging

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America