

**NYLENE® PAC990-140U**

PA6

Polymeric Resources Corporation

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>46.2</b>	MPa	ASTM D 638
Flexural Modulus	<b>1655</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>80.1</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melting Temperature	<b>192</b>	°C	ASTM D 3418

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1110</b>	kg/m <sup>3</sup>	ASTM D 792

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

**Characteristics****Processing**

Film Extrusion, Wire/Cable Extrusion

**Chemical Resistance**

General Chemical Resistance

**Special Characteristics**

Transparent

**Applications**

Monofilament

**Features**

Copolymer

**Regional Availability**

North America