

**NYLENE® NX4555**

PA6

Polymeric Resources Corporation

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melting Temperature	<b>216</b>	°C	ASTM D 3418

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1130</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Film Properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength, MD	<b>60</b>	MPa	ASTM D 882
Tensile Strength at Yield, MD	<b>37.9</b>	MPa	ASTM D 882

**Characteristics****Processing**

Blown Film Extrusion, Film Extrusion

**Features**

Melt Strength, Nucleated

**Chemical Resistance**

Grease Resistance

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Packaging

**Regional Availability**

North America