

**NYLENE 2401 HSSP BK**

PA6

Polymeric Resources Corporation

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	<b>54</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>1800</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>8</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>5</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-40</b>	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>216</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>45</b>	°C	ISO 75-1/-2
<b>Other properties</b>			
Density	<b>1090</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Extrusion</b>			
Pre-drying - Temperature	<b>82</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Melt temperature	<b>232 - 243</b>	°C	-
Feed temperature	<b>216 - 227</b>	°C	-
Zone 1	<b>227 - 238</b>	°C	-
Zone 2	<b>232 - 243</b>	°C	-
Nozzle temperature	<b>232 - 243</b>	°C	-

**Characteristics****Processing**

Injection Molding, Pipe/Tube Extrusion, Profile Extrusion, Other Extrusion

**Delivery form**

Black

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

**Features**

Melt Strength, Copolymer

**Applications**

Automotive

**Regional Availability**

North America