

**NYLENE 2409 HSSP BK**

PA6

Polymeric Resources Corporation

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>1.7</b>	g/10min	ASTM D 1238
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>44.8</b>	MPa	ASTM D 638
Flexural Modulus	<b>1186</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>144</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>143</b>	°C	ASTM D 648
Melting Temperature	<b>218</b>	°C	ASTM D 3418
<b>Other properties</b>			
Density	<b>1070</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Extrusion</b>			
Pre-drying - Temperature	<b>82</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Melt temperature	<b>288 - 302</b>	°C	-
Feed temperature	<b>260 - 277</b>	°C	-
Zone 1	<b>271 - 293</b>	°C	-
Zone 2	<b>288 - 302</b>	°C	-
Nozzle temperature	<b>288 - 302</b>	°C	-

**Characteristics****Processing**

Injection Molding, Pipe/Tube Extrusion, Profile Extrusion

**Features**

Melt Strength, Copolymer

**Delivery form**

Black

**Applications**

Automotive

**Special Characteristics**

High impact or impact modified

**Regional Availability**

North America