

**NYLENE 494P IM BLK**

PA\*

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>17</b>	g/10min	ASTM D 1238
Mold Shrinkage, MD	<b>0.017</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength	<b>53.1</b>	MPa	ASTM D 638
Flexural Modulus	<b>1620</b>	MPa	ASTM D 790

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>100</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>47.2</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1090</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Rotational Molding

**Delivery form**

Powder, Black

**Special Characteristics**

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

**Features**

Creep Resistance, Copolymer

**Chemical Resistance**

Environmental Stress Crack Resistance, Solvent Resistance

**Applications**

Automotive

**Regional Availability**

North America