

**YUNGSOX 1040**

PP

Formosa Plastics Corporation

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>5</b>	g/10min	ISO 1133
Molding shrinkage, parallel	<b>1.5</b>	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Yield stress	<b>34.3</b>	MPa	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Flexural modulus, 23°C	<b>1370</b>	MPa	ISO 178
Rockwell hardness	<b>R105</b>	-	ISO 2039-2

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>900</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Electrical and Electronical, General Purpose

**Regional Availability**

Asia Pacific