

**TAIRIPRO® F2003**

PP

Formosa Chemicals &amp; Fibre Corp.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>3</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>32.4</b>	MPa	ASTM D 638
Elongation at Break	<b>200</b>	%	ASTM D 638
Flexural Modulus	<b>1226</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 100</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>44</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>105</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>900</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Extrusion</b>			
Mold temperature	<b>230 - 250</b>	°C	-

**Characteristics****Processing**

Film Extrusion

**Special Characteristics**

Transparent

**Features**

Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR, RoHS compliant

**Regional Availability**

Asia Pacific