

**F-Y620 11-D1**

PE

Shurtan Gas Chemical Complex

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>0.6</b>	g/10min	ASTM D 1238
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Vicat Temperature	<b>98</b>	°C	ASTM D 1525

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>920</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Film Properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield, MD	<b>9</b>	MPa	ASTM D 882
Tensile Strength at Yield, TD	<b>10</b>	MPa	ASTM D 882
Tensile Strength at Break, MD	<b>25</b>	MPa	ASTM D 882
Tensile Strength at Break, TD	<b>28</b>	MPa	ASTM D 882
Elongation at Break, MD	<b>650</b>	%	ASTM D 882
Elongation at Break, TD	<b>800</b>	%	ASTM D 882

**Characteristics****Processing**

Film Extrusion

**Regional Availability**

Asia Pacific