

**PGPC-1215**

PC

Persian Gulf Petrochemical Industry Commercial Co.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>13.6</b>	g/10min	ASTM D 1238
Temperature	<b>300</b>	°C	-
Load	<b>1.2</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Modulus	<b>2200</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>60</b>	MPa	ASTM D 638
Elongation at Break	<b>80</b>	%	ASTM D 638
<b>Thermal properties</b>			
<b>ASTM Data</b>			
Vicat Temperature	<b>143</b>	°C	ASTM D 1525
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Dielectric Strength, Short Time	<b>20</b>	kV/mm	ASTM D 149
<b>Optical properties</b>			
<b>ASTM Data</b>			
Light Transmittance	<b>80</b>	%	ASTM D 1003
<b>Other properties</b>			
Density	<b>1200</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Near East/Africa

**Applications**

Electrical and Electronical, Sports Equipment