

**PGPC 5970**

PC

Petrochemical 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>65</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>2300</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>60</b>	MPa	ASTM D 638
Elongation at Break	<b>50</b>	%	ASTM D 638
<b>Thermal properties</b>			
<b>ASTM Data</b>			
Vicat Temperature	<b>145</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
Dissipation Factor, 1 MHz	<b>0.0095</b>	-	ASTM D 150
Dielectric Constant, 1 MHz	<b>2.95</b>	-	ASTM D 150
<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**

Europe, Asia Pacific, Near East/Africa