

**GPPS1160**

PS

Petrochemical Commercial Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>2.5</b>	g/10min	ASTM D 1238
Temperature	<b>200</b>	°C	-
Load	<b>5</b>	kg	-
Mold Shrinkage, MD	<b>0.0055</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	<b>3200</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>48</b>	MPa	ASTM D 638
Elongation at Break	<b>3</b>	%	ASTM D 638
Flexural Modulus	<b>2900</b>	MPa	ASTM D 790
Rockwell Hardness	<b>L 70</b>	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Vicat Temperature	<b>101</b>	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	<b>0.1</b>	%	ASTM D 570
Density	<b>1040</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Sheet Extrusion, Other Extrusion, Thermoforming

**Special Characteristics**

Heat stabilized or stable to heat, Transparent

**Features**

High Crystallinity

**Applications**

General Purpose

**Regional Availability**

Europe, Asia Pacific, Near East/Africa