

**FB11**

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>0.9</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>29.4</b>	MPa	ASTM D 638
Elongation at Break	<b>500</b>	%	ASTM D 638
Flexural Modulus	<b>1177</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 70</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>785</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-2</b>	-	UL 94
Thickness tested	<b>0.8</b>	mm	-
DTUL @ 66 psi	<b>100</b>	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	<b>930</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Pipe/Tube Extrusion, Sheet Extrusion, Other Extrusion

**Applications**

Automotive, Electrical and Electronical

**Special Characteristics**

Flame retardant

**Regional Availability**

Asia Pacific