

**FB11ST1**

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	230	°C	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	34.3	MPa	ASTM D 638
Elongation at Break	400	%	ASTM D 638
Flexural Modulus	1275	MPa	ASTM D 790
Rockwell Hardness	R 85	-	ASTM D 785
Izod Impact notched, 1/8 in	687	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 66 psi	105	°C	ASTM D 648
<b>Other properties</b>			
Density	940	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