

**BI850**

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	43	g/10min	ASTM D 1238
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	28.5	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	1570	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785
Izod Impact notched, 1/8 in	68.7	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	39.2	J/m	ASTM D 256
Temperature	-20	°C	-
<b>Other properties</b>			
Density	910	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Features**

High Crystallinity

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Asia Pacific