

**BI972**

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	100	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.016	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	25.5	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	1766	MPa	ASTM D 790
Rockwell Hardness	R 98	-	ASTM D 785
Izod Impact notched, 1/8 in	49	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	34.3	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	128	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	910	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

**Features**

High Crystallinity

**Regional Availability**

Asia Pacific