

BI980

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	80	g/10min	ISO 1133
Temperature	230	°C	-
Mechanical properties			
ISO Data			
Yield stress	29	MPa	ISO 527
Yield strain	3	%	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	1650	MPa	ISO 178
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	4.5	kJ/m ²	ISO 180/1A
Izod notched impact strength	3	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	105	°C	ISO 75-1/-2

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static, High impact or impact modified

Features

High Crystallinity, Thermal Stability, Copolymer, Impact Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Automotive, Electrical and Electronical

Regional Availability

Asia Pacific