

**BF970AI**

PP

Borouge

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1500	MPa	ISO 527
Stress at break	27	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	1450	MPa	ISO 178
Charpy notched impact strength, +23°C	8.5	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	905	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	220 - 260	°C	-
Mold temperature	15 - 40	°C	-
Holding pressure	20 - 50	MPa	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

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

**Features**

Low Warpage, Nucleated, Copolymer

**Certifications**

Food contact

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa