

INFINO HP-1011

(PC+ABS)

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	35	g/10min	ISO 1133
Temperature	250	°C	-
Load	10	kg	-
ASTM Data			
Melt Flow Index, MFI	35	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1900	MPa	ISO 527
Yield stress	50	MPa	ISO 527
Stress at break	48	MPa	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Charpy notched impact strength, +23°C	49	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	46	kJ/m ²	ISO 180/1A
Rockwell hardness	R 110	-	ISO 2039-2
ASTM Data			
Tensile Strength at Yield	52	MPa	ASTM D 638
Flexural Modulus	2000	MPa	ASTM D 790
Flexural Strength	74	MPa	ASTM D 790
Rockwell Hardness	R 110	-	ASTM D 785
Izod Impact notched, 1/8 in	650	J/m	ASTM D 256
Izod Impact notched, 1/4 in	440	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	99	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	122	°C	ISO 75-1/-2
Vicat softening temperature, B	121	°C	ISO 306
Other properties			
Value			
Density	1120	kg/m ³	ISO 1183
Density	1120	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Delivery form

Pellets, Natural Color