

**HOPELEN SJ-160**

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	16	g/10min	ISO 1133
<b>ASTM Data</b>			
Melt Flow Index, MFI	16	g/10min	ASTM D 1238
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	32	MPa	ISO 527
Strain at break	100	%	ISO 527
Flexural modulus, 23°C	1180	MPa	ISO 178
<b>ASTM Data</b>			
Tensile Strength at Yield	34	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	1470	MPa	ASTM D 790
Izod Impact notched, 1/8 in	29	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	25	J/m	ASTM D 256
Temperature	-10	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2
<b>ASTM Data</b>			
DTUL @ 66 psi	105	°C	ASTM D 648
<b>Other properties</b>			
Density	900	kg/m <sup>3</sup>	ISO 1183
Density	900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Features**

Thermal Stability, Homopolymer

**Applications**

General Purpose

**Regional Availability**

North America, Europe, Asia Pacific