

**HOPELEN J-170H**

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	30	g/10min	ISO 1133
<b>ASTM Data</b>			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	33	MPa	ISO 527
Strain at break	100	%	ISO 527
Flexural modulus, 23°C	1320	MPa	ISO 178
<b>ASTM Data</b>			
Tensile Strength at Yield	35	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	1670	MPa	ASTM D 790
Izod Impact notched, 1/8 in	29	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	20	J/m	ASTM D 256
Temperature	-10	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	95	°C	ISO 75-1/-2
<b>ASTM Data</b>			
DTUL @ 66 psi	115	°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

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

High Gloss, Scratch Resistant, Homopolymer

**Applications**

Toys

**Regional Availability**

North America, Europe, Asia Pacific