

HOPELEN SJ-170

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	25	g/10min	ISO 1133
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Mechanical properties			
ISO Data			
Yield stress	32	MPa	ISO 527
Strain at break	100	%	ISO 527
Flexural modulus, 23°C	1270	MPa	ISO 178
ASTM Data			
Tensile Strength at Yield	34	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	1570	MPa	ASTM D 790
Izod Impact notched, 1/8 in	25	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	20	J/m	ASTM D 256
Temperature	-10	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	105	°C	ASTM D 648
Other properties			
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Features

Thermal Stability, Homopolymer

Applications

General Purpose

Regional Availability

North America, Europe, Asia Pacific