

HOPELEN B-111

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.5	g/10min	ISO 1133
ASTM Data			
Melt Flow Index, MFI	0.5	g/10min	ASTM D 1238
Mechanical properties			
ISO Data			
Yield stress	35	MPa	ISO 527
Strain at break	100	%	ISO 527
Flexural modulus, 23°C	1420	MPa	ISO 178
Izod notched impact strength, +23°C	39	kJ/m ²	ISO 180/1A
Izod notched impact strength	20	kJ/m ²	ISO 180/1A
Temperature	-10	°C	-
ASTM Data			
Tensile Strength at Yield	37	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	1760	MPa	ASTM D 790
Izod Impact notched, 1/8 in	49	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	25	J/m	ASTM D 256
Temperature	-10	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	115	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	135	°C	ASTM D 648
Other properties			
Value			
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Sheet Extrusion

Certifications

Food contact

Special Characteristics

Heat stabilized or stable to heat, Transparent

Applications

Packaging

Features

Homopolymer

Regional Availability

North America, Europe, Asia Pacific