

HOPELEN H1500

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
ASTM Data			
Melt Flow Index, MFI	12	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	1180	MPa	ISO 178
ASTM Data			
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	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	95	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	115	°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

Special Characteristics

Heat stabilized or stable to heat

Features

High Gloss, Homopolymer

Certifications

Food contact

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific