

HOPELEN FC-150B

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8	g/10min	ISO 1133
ASTM Data			
Melt Flow Index, MFI	8	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	1720	MPa	ISO 178
Rockwell hardness	R 107	-	ISO 2039-2
ASTM Data			
Tensile Strength at Yield	35	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	1716	MPa	ASTM D 790
Rockwell Hardness	R 107	-	ASTM D 785
Izod Impact notched, 1/8 in	24	J/m	ASTM D 256
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	115	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	115	°C	ASTM D 648
Melting Temperature	165	°C	ASTM D 3418
Optical properties			
ASTM Data			
Haze	1	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Film Extrusion

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Features

High Crystallinity, Low Smoke, Homopolymer

Regional Availability

North America, Europe, Asia Pacific