

**HOPELEN SFI-151**

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	8	g/10min	ISO 1133
<b>ASTM Data</b>			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	32	MPa	ISO 527
Strain at break	500	%	ISO 527
Flexural modulus, 23°C	1520	MPa	ISO 178
Rockwell hardness	R 100	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength at Yield	35	MPa	ASTM D 638
Elongation at Break	500	%	ASTM D 638
Flexural Modulus	1472	MPa	ASTM D 790
Rockwell Hardness	R 102	-	ASTM D 785
Izod Impact notched, 1/8 in	39.2	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	162	°C	ISO 11357-1/-3
<b>ASTM Data</b>			
DTUL @ 66 psi	113	°C	ASTM D 648
Melting Temperature	162	°C	ASTM D 3418
<b>Optical properties</b>			
<b>ASTM Data</b>			
Haze	2	%	ASTM D 1003
<b>Other properties</b>			
Density	900	kg/m <sup>3</sup>	ISO 1183
Density	900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

Transparent

**Features**

Homopolymer

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

North America, Europe, Asia Pacific