

SB-550A

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	21	MPa	ISO 527
Strain at break	400	%	ISO 527
Flexural modulus, 23°C	690	MPa	ISO 178
ASTM Data			
Tensile Strength at Yield	24	MPa	ASTM D 638
Elongation at Break	500	%	ASTM D 638
Flexural Modulus	833	MPa	ASTM D 790
Izod Impact notched, 1/8 in	146	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	80	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	90	°C	ASTM D 648
Optical properties			
ASTM Data			
Haze	20	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Blow Molding

Special Characteristics

Transparent

Features

High Gloss, Copolymer, Random Copolymer

Chemical Resistance

General Chemical Resistance

Applications

Packaging

Regional Availability

North America, Europe, Asia Pacific