

RANPELEN SB-530

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	4	g/10min	ISO 1133
ASTM Data			
Melt Flow Index, MFI	4	g/10min	ASTM D 1238
Mechanical properties			
ISO Data			
Yield stress	27	MPa	ISO 527
Strain at break	300	%	ISO 527
Flexural modulus, 23°C	980	MPa	ISO 178
ASTM Data			
Tensile Strength at Yield	29	MPa	ASTM D 638
Elongation at Break	400	%	ASTM D 638
Flexural Modulus	1270	MPa	ASTM D 790
Izod Impact notched, 1/8 in	44	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	100	°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**

Sheet Extrusion, Other Extrusion

Special Characteristics

Heat stabilized or stable to heat, Transparent

Features

High Gloss, Copolymer, Random Copolymer

Chemical Resistance

General Chemical Resistance

Certifications

Food contact

Applications

Packaging

Regional Availability

North America, Europe, Asia Pacific