

RANPELEN J-550S

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	29	MPa	ISO 527
Strain at break	100	%	ISO 527
Flexural modulus, 23°C	1030	MPa	ISO 178
ASTM Data			
Tensile Strength at Yield	32	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	1270	MPa	ASTM D 790
Rockwell Hardness	R 95	-	ASTM D 785
Izod Impact notched, 1/8 in	54	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	29	J/m	ASTM D 256
Temperature	-10	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	105	°C	ASTM D 648
Optical properties			
ASTM Data			
Haze	25	%	ASTM D 1003
Other properties			
Value			
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Certifications

Food contact

Special Characteristics

Transparent

Applications

Packaging

Features

High Gloss, Nucleated, Copolymer, Random Copolymer

Regional Availability

North America, Europe, Asia Pacific