

RANPELEN SFC-550

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	26	MPa	ISO 527
Strain at break	500	%	ISO 527
Flexural modulus, 23°C	980	MPa	ISO 178
Izod notched impact strength, +23°C	78	kJ/m ²	ISO 180/1A
Rockwell hardness	R 85	-	ISO 2039-2
ASTM Data			
Tensile Strength at Yield	26.5	MPa	ASTM D 638
Elongation at Break	500	%	ASTM D 638
Flexural Modulus	981	MPa	ASTM D 790
Rockwell Hardness	R 85	-	ASTM D 785
Izod Impact notched, 1/8 in	24.5	J/m	ASTM D 256
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	148	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	80	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	80	°C	ASTM D 648
Melting Temperature	148	°C	ASTM D 3418
Optical properties			
ASTM Data			
Haze	2	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Film Extrusion

Additives

Antiblocking agent

Special Characteristics

Transparent

Features

Heat Sealable, High Gloss, Copolymer, Random Copolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

North America, Europe, Asia Pacific