

RANPELEN SFI-553

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	22	MPa	ISO 527
Strain at break	500	%	ISO 527
Flexural modulus, 23°C	735	MPa	ISO 178
Rockwell hardness	R 77	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	135	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	80	°C	ISO 75-1/-2

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	2	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183

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