

RANPELEN J-590K

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	44	g/10min	ASTM D 1238
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	27	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	1130	MPa	ASTM D 790
Rockwell Hardness	R 95	-	ASTM D 785
Izod Impact notched, 1/8 in	39	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	24	J/m	ASTM D 256
Temperature	-10	°C	-
Thermal properties			
ASTM Data			
DTUL @ 66 psi	95	°C	ASTM D 648
Optical properties			
ASTM Data			
Haze	20	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent

Features

High Gloss, Nucleated, Copolymer, Random Copolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

North America, Europe, Asia Pacific