

# RANPELEN SFC-750D

Polypropylene Terpolymer  
Lotte Chemical Corporation

Message:

RANPELEN SFC-750D is an advanced polyolefin, specially designed for use as a sealing layer of metallized film applications. It is designed for quality packaging applications, as heat seal layer film. RANPELEN SFC-750D is easy processable on commercial cast film equipment. It dose not contain slip and anti-block additives.

General Information			
Features	Good Processability		
	Metallized		
	Terpolymer		
Uses	Cast Film		
	Film		
RoHS Compliance	RoHS Compliant		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR)			
230°C/2.16 kg	7.0	g/10 min	ASTM D1238
230°C/2.16 kg	8.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
R-Scale	80		ASTM D785
R-Scale	82		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield	21.6	MPa	ASTM D638
Yield	22.6	MPa	ISO 527-2
Tensile Elongation (Break)	> 500	%	ASTM D638, ISO 527-2
Flexural Modulus			
--	735	MPa	ASTM D790
--	785	MPa	ISO 178
Coefficient of Friction (Cast Film)	< 1.0		Internal Method
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	98	J/m	ISO 180, ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	70.0	°C	ASTM D648, ISO 75-2/B

Melting Temperature			
--	132	°C	Internal Method
--	130	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Haze (30.0 μm, Cast Film)	< 2.0	%	ASTM D1003
Additional Information	Nominal Value	Unit	Test Method
Heat Seal Temperature <sup>1</sup> (30.0 μm)	120	°C	Internal Method
NOTE			
1.	Cast Film		

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