

RANPELEN SFC-750

Polypropylene Terpolymer
Lotte Chemical Corporation

Message:

RANPELEN SFC-750 is a controlled medium modified polypropylene random copolymer designed for cast film technology. It offers an excellent clarity and gloss, a very low haze, a wide hot tack range and a low seal-initiation temperature of 120°C. It is designed for quality packaging applications, as heat seal layer film. RANPELEN SFC-750 is easy processable on commercial cast film equipment. It contains slip and antiblock additives. RANPELEN SFC-750 is suitable for food contact.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Food Contact Acceptable		
	High Clarity		
	High Gloss		
	Low Temperature Heat Sealability		
	Slip		
	Terpolymer		
Uses	Cast Film		
	Film		
	Packaging		
RoHS Compliance	RoHS Compliant		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.6	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	735	MPa	ASTM D790
Coefficient of Friction (Cast Film)	< 1.0		Internal Method
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	70.0	°C	ASTM D648
Peak Melting Temperature	132	°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 ¹ (30.0 µm)	120	°C	Internal Method
NOTE			
1.	Cast Film		

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