RANPELEN SFC-650BT

Polypropylene Random Copolymer

Lotte Chemical Corporation

Message:

RANPELEN SFC-650BT is a a controlled medium modified polypropylene random copolymer especially designed for metallizing cast film technology. It offers an excellent clarity and gloss, a very low extractable and a very high gloss. It is designed for quality packaging applications, either as skin of 3 layer film and is in particular suitable for printing and metallisation purpose. RANPELEN SFC-650BT is easy processable on commercial cast film equipment. It contains antiblock additives. RANPELEN SFC-650BT is suitable for food contact.

General Information			
Additive	Antiblock		
Features	Antiblocking Excellent Printability Food Contact Acceptable High Clarity High Gloss Low Extractables Metallizable Random Copolymer		
Uses	Cast Film Film Packaging		
RoHS Compliance	RoHS Compliant		
Processing Method	Cast Film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.900	g/cm³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238, ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	85		ASTM D785, ISO 2039-2
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	24.5	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	> 500	%	ASTM D638, ISO 527-2
Flexural Modulus	981	MPa	ASTM D790, 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)	74.0	°C	ASTM D648, ISO 75-2/B

Melting Temperature	148	°C	Internal Method, 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)	132	°C	Internal Method
NOTE			
1.	Cast Film		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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Phone: +86 13424755533

Email: sales@su-jiao.com

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