

General Information

Description

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 does not contain slip and anti-block additives.

Applications

- ◆ Heat Sealing Layer of CPP, IV bag

Physical Properties ¹					
Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	7	g/10min		
Density	ASTM D792	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	220	kgf/cm ²	21	MPa
Tensile Strain (Break)	ASTM D638	>500	%	>500	%
Flexural Modulus	ASTM D790	7,500	kgf/cm ²	735	MPa
Notched Izod Impact Strength (23℃)	ASTM D256	10.0	kgf-cm/cm	78	J/m
Rockwell Hardness	ASTM D785	80	R		
Thermal					
Melting Point	ASTM D3418	130	℃		
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	70	℃		
Film Properties					
Haze	ASTM D1004	<2.0	%		
C.O.F	LOTTE'S	<1.0			
Heat Seal Temp	LOTTE'S	120	℃		

* Measured on 30 μ m CPP film made of SFC-750D

NOTE

ISO 9001, 14001, ITS 16949

¹ Physical Properties : these are not to be construed as specifications

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RANPELEN SFC-750D

PP RANDOM TERPOLYMER

General Information

Description

RANPELEN SFC-750D is random terpolymer polypropylene for medical film with good transparency and good flexibility. This product has passed the USP class VI tests.

Applications

- ◆ Heal Sealing Layer of CPP, IV bag

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ISO 1133	8	g/10min		
Density	ISO 1183	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ISO 527-1	230	kgf/cm ²	22	MPa
Tensile Strain (Break)	ISO 527-1	>500	%	>500	%
Flexural Modulus	ISO 178	8,000	kgf/cm ²	784	MPa
Notched Izod Impact Strength (23℃)	ISO 180	10.0	kgf·cm/cm	98	J/m
Rockwell Hardness	ISO 2039-2	82	R		
Thermal					
Melting Point	LOTTE'S	132	℃		
Heat Deflection Temperature (4.6kgf/cm ²)	ISO 75-1	70	℃		
Film Properties					
Haze	ASTM D1004	<2.0	%		
C.O.F	LOTTE'S	<1.0			
Heat Seal Temp	LOTTE'S	120	℃		

* Measured on 30 μ m CPP film made of SFC-750D

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications

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