

RANPELEN SFC-750

PP RANDOM TERPOLYMER

General Information

Description

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.

Applications

- ◆ Heal Sealing Layer of General CPP

Physical Properties ¹					
Physical	Test Method	Nominal Values			
Melt Flow Index	ISO 1133	7	g/10min		
Density	ISO 1183	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ISO 527-1	220	kgf/cm ²	21	MPa
Tensile Strain (Break)	ISO 527-1	>500	%	>500	%
Flexural Modulus	ISO 178	7,500	kgf/cm ²	735	MPa
Notched Izod Impact Strength (23°C)	ISO 180	10.0	kgf·cm/cm	78	J/m
Rockwell Hardness	ISO 2039-2	80	R		
Thermal					
Melting Point	LOTTE'S	132	°C		
Heat Deflection Temperature (4.6kgf/cm ²)	ISO 75-1	70	°C		
Film Properties					
Haze	ASTM D1004	<2.0	%		
C.O.F	LOTTE'S	<1.0			
Heat Seal Temp	LOTTE'S	120	°C		

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

NOTE

ISO 9001, 14001, /TS 16949

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