

RANPELEN SFI-841

PP RANDOM TERPOLYMER

General Information

Description

RANPELEN SFI-841 is a polypropylene random terpolymer designed for IOPP film applications. It offers an excellent clarity and gloss, a wide hot tack range and a very low seal-initiation temperature. It contains slip and anti-blocking additives.

Applications

- ◆ IOPP Film(POF), Shrink Film
- ◆ Sealing Layer for BOPP

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	5.5	g/10min		
Density	ASTM D792	0.9	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	210	kgf/cm ²	20	MPa
Tensile Strain (Break)	ASTM D638	>500	%	>500	%
Flexural Modulus	ASTM D790	6,900	kgf/cm ²	670	MPa
Rockwell Hardness	ASTM D785	80	R		
Impact					
Notched Izod Impact Strength (23 °C)	ASTM D256	7.0	kgf·cm/c m	6.7	J/m
Thermal					
Melting Point	Lotte'S	130	°C		
Vicat softing point	ASTM D1525	114	°C		
Haze	ASTM D 1004	<2.0	%		
Heat Seal Temp	Lotte'S	118	°C		

NOTE

ISO 9001, 14001

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