

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	Nominal Value	Unit	Test Method
Melt Flow Index	5.5	g/10min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Tensile Strength (at Yield)	210	kgf/cm ²	ASTM D638
Elongation (at Break)	>500	%	ASTM D638
Flexural Modulus	6,900	kgf/cm ²	ASTM D790
Rockwell Hardness	80	R	ASTM D785
Thermal			
Melting Temperature	130	°C	LOTTE'S
VICAT Softening Temperature	114	°C	ASTM D1525
Film Properties			
Haze	<2.0	%	ASTM D1004
Heat Seal Temp.	118	°C	LOTTE'S

* Measured on 30 μ m CPP film made of SFI-841

NOTE

ISO 9001, 14001, /TS 16949

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