

RANPELEN SFI-841

Polypropylene Terpolymer
Lotte Chemical Corporation

Message:

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.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	High Clarity		
	High Gloss		
	Low Temperature Heat Sealability		
	Slip		
	Terpolymer		
Uses	Film		
	Shrink Wrap		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ASTM D785, ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield	20.6	MPa	ASTM D638
Yield	19.6	MPa	ISO 527-2
Tensile Elongation (Break)	> 500	%	ASTM D638, ISO 527-2
Flexural Modulus			
--	677	MPa	ASTM D790
--	667	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	120	°C	ASTM D1525
--	115	°C	ISO 306
Melting Temperature	131	°C	Internal Method
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)	118	°C	Internal Method
NOTE			
1.	Cast Film		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

