

# RANPELEN SFI-740P

Polypropylene Terpolymer  
Lotte Chemical Corporation

Message:

RANPELEN SFI-740P is a polypropylene random terpolymer designed for IOPP film applications. It offers an excellent clarity and gloss, a wide hot tack range and a low seal-initiation temperature. It has good slip and anti-blocking properties.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	High Clarity		
	High Gloss		
	Low Temperature Heat Sealability		
	Slip		
	Terpolymer		
Uses	Film		
	Shrink Wrap		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	19.6	MPa	ISO 527-2
Tensile Strain (Break)	> 500	%	ISO 527-2
Flexural Modulus	672	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	118	°C	ISO 306
Melting Temperature	130	°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 <sup>1</sup> (30.0 µm)	120	°C	Internal Method
NOTE			
1.	Cast Film		

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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

