

# Jampilen RP127K

Polypropylene Terpolymer  
Jam Polypropylene Company

Message:

Jampilen RP127K is a low sealing temperature polypropylene resin. The product is designed for coextruded bioriented polypropylene film and is formulated with a slip and antiblocking package. Jampilen RP127K exhibits very high transparency, excellent gloss and outstanding heat weldability. Films from Jampilen RP127K show good hot tack and low seal initiation temperature is low (110 to 115°C). Coextruded BOPP films combine high resistance to oxygen, moisture, fats and oils with good impact and optical properties and are used to produce quality packaging for food, stationery, cosmetics, clothes and cigarettes. Jampilen RP127K is also suitable for the production of shrinkable coextruded BOPP film for display packaging of cheese, bakery and meat products.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Good Impact Resistance		
	High Clarity		
	High Gloss		
	Hot Tack Strength		
	Low Temperature Heat Sealability		
	Moisture Resistant		
	Oil Resistant		
	Opticals		
	Oxidation Resistant		
	Slip		
	Terpolymer		
	Weldable		
Uses	Bi-axially Oriented Film		
	Cosmetic Packaging		
	Film		
	Food Packaging		
	Shrink Wrap		
	Thin-walled Packaging		
Processing Method	Bi-axially Oriented Film		
	Coextruded Film		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505

Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	84		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	22.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	700	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	90	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	65.0	°C	ASTM D648
Vicat Softening Temperature	118	°C	ASTM D1525 <sup>1</sup>
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
Optical	Nominal Value	Unit	Test Method
Gloss	85		ASTM D2457
Haze	1.8	%	ASTM D1003
NOTE			
1.	Loading 1 (10 N)		

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#### 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

