

# Jampilen RP129K

Polypropylene Terpolymer  
Jam Polypropylene Company

Message:

Jampilen RP129K is a low sealing temperature polypropylene resin. The product is designed for coextruded bioriented polypropylene film and is formulated with an antiblocking package. Jampilen RP129K exhibits very high transparency, excellent gloss and outstanding heat weldability. The seal initiation temperature is low (110 to 115°C) and the films show good hot tack. Jampilen RP129K is particularly suited for metallized BOPP films used to produce packaging which combines protection against light, moisture, flavor loss, oxygen and temperature variations with good optical properties.

General Information			
Additive	Antiblock		
Features	Antiblocking		
	Flavor & Aroma Barrier		
	High Clarity		
	High Gloss		
	Light Barrier		
	Low Temperature Heat Sealability		
	Metallizable		
	Moisture Barrier		
	Moisture Resistant		
	Opticals		
	Oxygen Barrier		
	Terpolymer		
	Weldable		
Uses	Bi-axially Oriented Film		
	Film		
	Food Packaging		
	Labels		
	Medical Packaging		
	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

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