

# Polene LDPE J 4324

Low Density Polyethylene  
TPI Polene Public Company Limited

Message:

Polene LDPE J 4324 is a Low Density Polyethylene material. It is available in Asia Pacific or North America for blown film, film extrusion, or injection molding.

Important attributes of Polene LDPE J 4324 are:

- Antiblock
- Clarity
- Good Processability
- Slip

Typical applications include:

- Bags/Liners
- Film
- Food Contact Applications
- Packaging
- Wrap

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Good Processability		
	High Clarity		
	Slip		
Uses	Bags		
	Film		
	General Purpose		
	Laundry Bags		
	Packaging		
	Shrink Wrap		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blown Film		
	Film Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.922	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method

Durometer Hardness (Shore D)	51		DIN 53505
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	11.5	MPa	
Break	14.0	MPa	
Tensile Elongation (Break)	650	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Dart Drop Impact	160	g	ASTM D1709
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	92.0	°C	ASTM D1525
Melting Temperature	100 to 110	°C	ASTM D1238
Optical	Nominal Value	Unit	Test Method
Gloss	80		ASTM D2457
Haze	9.8	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 180	°C	

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#### Recommended distributors for this material

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