

Polene LDPE JJ 4324

Low Density Polyethylene
TPI Polene Public Company Limited

Message:

Polene LDPE JJ 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 JJ 4324 are:

Antiblock

Clarity

Good Processability

Slip

Typical applications include:

Bags/Liners

Film

Food Contact Applications

Packaging

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Good Processability		
	High Clarity		
	Slip		
Uses	Bags		
	Film		
	General Purpose		
	Packaging		
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 ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.5	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	11.0	MPa	
Tensile Elongation (Break)	650	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Dart Drop Impact	150	g	ASTM D1709
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ASTM D1525
Melting Temperature	100 to 110	°C	ASTM D1238
Optical	Nominal Value	Unit	Test Method
Gloss	90		ASTM D2457
Haze	7.5	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	140 to 170	°C	

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