

Pro-fax RP323M

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

Pro-fax RP323M is a barefoot polypropylene random copolymer designed for cast film packaging applications. Typical properties of cast film made with this resin are excellent clarity and gloss, as well as improved cold temperature impact resistance and broader heat seal range compared to homopolymer polypropylene.

For regulatory compliance information see Pro-fax RP323M Product Stewardship Bulletin (PSB).

General Information			
Features	Good Heat Seal		
	Good Processability		
	High Clarity		
	High Gloss		
	Opticals		
	Random Copolymer		
Uses	Bags		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	24.8	MPa	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus - 1% Secant ²	830	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	75.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.0 mm/min		

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