

Pro-fax HP423M

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Pro-fax HP423M controlled rheology polypropylene homopolymer is available in pellet form. This resin is typically used in cast film applications. It is formulated with slip additive.
For regulatory compliance information see Pro-fax HP423M Product Stewardship Bulletin (PSB).

General Information			
Additive	Slip		
Features	Controlled Rheology		
	High Clarity		
	High Gloss		
	High Slip		
	Homopolymer		
	Low Friction		
	Opticals		
	Slip		
Uses	Cast Film		
	Film		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	32.2	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant ²	1280	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	88.0	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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