

Pro-fax HP403G

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Pro-fax HP403G is a general purpose homopolymer with good heat resistance. It is available in pellet form, and it is typically used in extrusion applications.

For regulatory compliance information see Pro-fax HP403G Product Stewardship Bulletin (PSB).

General Information			
Features	General Purpose		
	High Heat Resistance		
	Homopolymer		
Uses	Film		
	Food Containers		
	General Purpose		
	Netting		
	Strapping		
	Thermoformed Containers		
Forms	Pellets		
Processing Method	Blown Film		
	Extrusion		
	Pipe Extrusion		
	Sheet Extrusion		
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)	1.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant ²	1520	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	59	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	87.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze	31	%	ASTM D1003

NOTE

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|----|------------|
| 1. | 50 mm/min |
| 2. | 1.3 mm/min |

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