

Pro-fax RP311H

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

Pro-fax RP311H low flow random copolymer polypropylene is available in pellet form. This resin is typically used in blow molding and thermoforming applications.

For regulatory compliance information see Pro-fax RP311H Product Stewardship Bulletin (PSB).

General Information			
Additive	Antistatic		
Features	Antistatic		
	Contact Clarity		
	Low Flow		
	Random Copolymer		
Uses	Blow Molding Applications		
	Containers		
	Packaging		
Forms	Pellets		
Processing Method	Extrusion		
	Extrusion Blow Molding		
	Injection Blow Molding		
	Thermoforming		
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)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	27.9	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant ²	1040	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	220	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	80.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze	25	%	ASTM D1003
NOTE			

1.	50 mm/min
2.	1.0 mm/min

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