

# Pro-fax RP448S

Polypropylene Random Copolymer

LyondellBasell Industries

## Message:

Pro-fax RP448S high melt flow, clarified polypropylene random copolymer is available in pellet form. This resin is typically used in injection molding and injection-stretch blow molding applications and offers very good see-through and contact clarity.

For regulatory compliance information see Pro-fax RP448S Product Stewardship Bulletin (PSB).

General Information			
Additive	Antistatic		
Features	Antistatic		
	Contact Clarity		
	Good Impact Resistance		
	High Clarity		
	High Flow		
	Random Copolymer		
Uses	Containers		
Forms	Pellets		
Processing Method	Injection Molding		
	Stretch Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	40	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	28.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1000	MPa	ASTM D790A
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)	83.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze	8.0	%	ASTM D1003
NOTE			
1.	50 mm/min		
2.	1.0 mm/min		

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