

Pro-fax RP512H

Polypropylene Random Copolymer
LyondellBasell Industries

Message:

Pro-fax RP512H polypropylene random copolymer is available in pellet form. This resin is typically used in extrusion applications such as blow molding, thermoforming, and sheet extrusion.
For regulatory compliance information see Pro-fax RP512H Product Stewardship Bulletin (PSB).

General Information			
Additive	Antistatic		
Features	Antistatic		
	High Clarity		
	Random Copolymer		
Uses	Bottles		
	Containers		
Forms	Pellets		
Processing Method	Blow Molding		
	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)	28.0	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus ²	1040	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	370	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	74.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze (1140 µm)	13	%	ASTM D1003
NOTE			
1.	50 mm/min		

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