

Pro-fax RP913J

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

Pro-fax RP913J clarified random copolymer polypropylene is available in pellet form. This resin is typically used in sheet extrusion/thermoforming and other rigid packaging applications.

For regulatory compliance information see Pro-fax RP913J Product Stewardship Bulletin (PSB).

General Information	
Additive	Clarifier
Features	High Stiffness
	Medium Clarity
	Random Copolymer
Uses	Containers
	Packaging
	Rigid Packaging
	Sheet
Forms	Pellets
Processing Method	Sheet Extrusion
	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)	3.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	37.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant ²	1590	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	109	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze (1140 µm)	23	%	ASTM D1003

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

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