

Moplen RP348S

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

High Flow Polypropylene Random Copolymer Resin with High Clarity

Features:

- High clarity
- High melt flow allows easy processing
- Good impact / rigidity balance
- Resist dust pick-up
- Low distortion

Applications:

- CD / DVD cases
- Containers / Boxes

General Information			
Features	Impact resistance, good		
	High liquidity		
	Definition, high		
	Random copolymer		
	Medium hardness		
Uses	Media packaging		
	Container		
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)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus	1030	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	47	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	86.0	°C	ASTM D648

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