

Moplen RP346R

Polypropylene Random Copolymer

HMC Polymers

Message:

Medium flow polypropylene random copolymer resin

Features:

- High clarity
- Superior appearance
- Excellent flow ability
- Good Stiffness/Impact balance
- Good dimensional stability

Applications:

- Food containers
- Household containers
- Thin wall food packaging
- Clear ISBM bottles
- Furniture

General Information	
Features	Balanced Stiffness/Toughness
	Good Dimensional Stability
	Good Flow
	High Clarity
	Medium Flow
	Random Copolymer
Uses	Bottles
	Food Containers
	Food Packaging
	Furniture
	Household Goods
	Thin-walled Packaging

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)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	1050	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	50	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45
MPa, Unannealed)

85.0

°C

ASTM D648

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