Technical Data Sheet

Moplen RP348N

Polypropylene, Random Copolymer

Product Description

Moplen RP348N is a polypropylene random copolymer resin with high clarity, good stiffness impact balance, and good processability. Typical customer applications are food containers, housewares, motorcycle battery cases, ISBM bottles, and parts of electrical appliances such as fan blades.

Regulatory Status

For regulatory compliance information, see *Moplen* RP348N Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Battery Cases; Bottles For Consumer Goods; Caps & Closures; Clear Containers; Containers; Housewares
Market	Consumer Products; Rigid Packaging
Processing Method	Injection Blow Molding; Injection Molding; Injection Stretch Blow Molding
Attribute	Good Impact Resistance; Good Processability; Good Stiffness; High Clarity; Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1050	MPa	ASTM D790
Tensile Strength at Yield	29	MPa	ASTM D638
Tensile Elongation at Yield	13	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	70	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load	86	°C	ASTM D648

Manufacturer website: https://www.hmcpolymers.com/

Notes

These are typical property values not to be construed as specification limits.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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