Technical Data Sheet

Moplen RP348S

Polypropylene, Random Copolymer

Product Description

Moplen RP348S is a high flow polypropylene random copolymer resin with high clarity, high melt flow, good stiffness impact labalnce, low dust pick-up and low warpage. Typical customer applications are CD / DVD, transparent containers and boxes.

Regulatory Status

For regulatory compliance information, see *Moplen* RP348S Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific
Application	Clear Containers; Housewares; Multi Media Packaging
Market	Consumer Products; Rigid Packaging
Processing Method	Injection Molding
Attribute	Good Chemical Resistance; Good Dimensional Stability; Good Impact Resistance; Good Processability; High Clarity; High Flow; Medium Rigidity; Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	35	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1030	MPa	ASTM D790
Tensile Strength at Yield	29	MPa	ASTM D638
Tensile Elongation at Yield	14	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	47	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load	86	°C	ASTM D648

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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