

Moplen RP348S

Polypropylene Random Copolymer

LyondellBasell Industries



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Technical Data

Product Description

Moplen RP348S is a high flow polypropylene random copolymer. It is known for its high clarity, good dimensional stability, dust resistance and good balance of stiffness and impact properties. This grade is especially suitable for thin wall injection molding, with potential end uses including containers and boxes for CD's and DVD's.

General

Material Status	• Commercial: Active		
Literature ¹	• Processing - Extrusion (English) • Processing - Injection Molding (English) • Processing - Mold Shrink (English) • Technical Datasheet (English)		
Search for UL Yellow Card	• LyondellBasell Industries • Moplen		
Availability	• Africa & Middle East	• Asia Pacific	
Features	• Good Chemical Resistance • Good Dimensional Stability • Good Impact Resistance	• Good Processability • High Clarity • High Flow	• Medium Rigidity • Random Copolymer
Uses	• Containers • Household Goods	• Media Packaging • Thin-walled Containers	
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical	Nominal Value Unit	Test Method
Specific Gravity	0.900 g/cm ³	ASTM D792
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 D790
Impact	Nominal Value Unit	Test Method
Notched Izod Impact (23°C)	47 J/m	ASTM D256
Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	86.0 °C	ASTM D648

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

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Where to Buy

Supplier

LyondellBasell Industries

Wilmington, DE USA

Telephone: 713-309-7200

Web: <http://polymers.lyondellbasell.com/portal/site/basell/>

Distributor

Please contact the supplier to find a distributor for Moplen RP348S



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– Kevin Chase, Owner & President, Chase Plastics



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