



Moplen RP348N

Polypropylene, Random Copolymer

Product Description

Moplen RP348N is a polypropylene random copolymer, with high clarity, superior appearance, excellent flowability, good stiffness / impact balance and good dimensional stability. Typical applications include food containers, household containers, thin wall food packaging, clear ISBM bottles, furniture.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding, Injection Stretch Blow Molding
Features	High Clarity, Random Copolymer, Good Impact Resistance, Good Processability, Good Stiffness
Typical Customer Applications	Bottles For Consumer Goods, Caps & Closures, Clear Containers, Housewares

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity (Method B)	ASTM D 792	0.90	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	11	g/10 min
Mechanical			
Flexural Modulus (Procedure A)	ASTM D 790	1050	MPa
Tensile Strength @ Yield	ASTM D 638	29	MPa
Tensile Elongation @ Yield	ASTM D 638	13	%
Impact			
Notched Izod Impact (23 °C, Method A)	ASTM D 256	70	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	86	°C

Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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